1903

Annual Report

OF THE

Town of Billerica

Receipts

AND

Expenditures

AND

Reports of the Various Departments

FOR THE YEAR ENDING

February 28, 1903

LOCAL HISTORY

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ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

And Reports of the Various Departments

OF THE

TOWN OF BILLERICA

FOR THE

YEAR ENDING FEBRUARY 28, 1903.

COURIER-CITIZEN PRINT.
LOWELL:
1903.

Town Officers.

Selectmen.

CHARLES H. KOHLRAUSCH, JR. RICHARD T. PERRY,
JOSIAH WRIGHT.

Town Clerk.

HERBERT A. KING.

Town Treasurer.

HERBERT A. KING.

Assessors.

GEORGE F. COLSON, JOHN E. ROWELL,
JOSIAH WRIGHT.

Overseers of the Poor.

SEARS J. COOK, EDWARD B. HASKELL,
RICHARD CONWAY.

Board of Registrars.

H. A. KING, (ex-officio) ARTHUR W. HOLDEN,
JOHN HARRINGTON, JOHN H. MAHONEY.

Board of Health.

COBURN S. SMITH, DR. JOHN B. TYLER,
DR. M. A. BUCK.

Engineers of Fire Department.

LAWRENCE W. BUCKLEY, CHARLES A. WRIGHT,
WARREN HOLDEN.

School Committee.

ALLEN BOTTOMLEY, FREDERICK A. CASEY,
DR. M. A. BUCK.

Water Commissioners.

FREDERIC S. CLARK, J. NELSON PARKER,
CHARLES H. KOHLRAUSCH, JR.

Town Hall Sinking Fund Commissioners.

JOSEPH F. TALBOT, FRANKLIN JAQUITH.

Water Bond Sinking Fund Commissioners.

F. S. CLARK, J. NELSON PARKER,
C. H. KOHLRAUSCH, JR.

School House Sinking Fund Commissioners.

JOHN A. RICHARDSON, JOSEPH F. TALBOT,
ALLEN BOTTOMLEY.

Collector of Taxes.

ALBERT H. JONES.

Highway Surveyor.

EDWARD SPAULDING.

Superintendent of Almshouse.

JAMES E. PARKER.

Cattle Inspector.

WILLIAM H. HUTCHINS.

Fence Viewers.

C. H. KOHLRAUSCH, JR., RICHARD T. PERRY.
JOSIAH WRIGHT.

Constables.

MARTIN CONWAY, JR., EVERETT W. LIVINGSTON.

Public Weighers.

J. E. Blodgett, E. E. Cole, George E. Dunham.

Auditors.

William Stevenson, George P. Greenwood,
Arthur L. Blodgett.

Surveyors of Wood and Lumber.

John E. Rowell,	C. H. Morley,	Chas. A. Foster.
Geo. E. Simonds,	V. J. Hosmer,	Chas. R. Wild.
Valentine Rollins,	H. A. King,	W. F. Symmes.

Keepers of the Lockup.

Martin Conway, Jr., E. W. Livingston.

Field Drivers.

Martin Conway, Jr., Isaac Hopkinson.

Warrants and Doings of Town Meetings

For the Year 1902-1903.

COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

To Everett W. Livingston, Constable of the Town of Billerica, Greeting:

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet at the Town Hall, in said town, on Monday, March twenty-fourth, at nine o'clock in the forenoon, to act upon the following articles:

Article 1. To choose a Moderator to preside at said meeting.

Art. 2. To determine the number of Selectmen, Assessors, Overseers of the Poor, Auditors, Constables, Collector of Taxes.

Art. 3. The polls will be open in accordance with the by-laws of the town for the election of the following town officers, on one ballot, for one year: Town Clerk, Town Treasurer, Selectmen, Assessors, Overseers of the Poor, Collector of Taxes, one or more Constables; one member of the Board of Health for three years, one member of the School Committee for three years, one member of the Town Hall Sinking Fund Commission for three years, one member of the Water Commission for three years, one member of the Cemetery Commission for three years, three members of the Talbot School Sinking Fund Commission, one for one year, one for two years, one for three years; Tree Warden for one year.

Art. 4. To choose a member of the Bowers Fund Committee for a term of five years.

Art. 5. To see if the town will accept the revision of the jury-box made by the Selectmen, or do anything in relation to the same.

Art. 6. To see what method the town will adopt for the collection of taxes for the ensuing year.

Art. 7. To see what method the town will adopt for the repairs of the roads and bridges for the ensuing year.

Art. 8. To see if the town will choose Highway Surveyors and all other necessary town officers.

Art. 9. To vote on the following question, viz.: Shall license be granted for the sale of intoxicating liquors in the Town of Billerica ? Yes or No.

Art. 10. To hear and act upon the report of the Selectmen and all other town officers and committees heretofore appointed.

Art. 11. To raise and appropriate such sums of money as may be deemed necessary to defray the town's expenses for the ensuing year, or do anything in relation to the same.

Art. 12. To see if the town will accept the provisions of Section 37, Chapter 19 of the Revised Laws, and limit the application of the provisions of said chapter and of the Civil Service and other rules made thereunder to the police force of the town, or do anything in relation to the same.

Art. 13. To see if the town will raise and appropriate the sum of $2,700 for building macadam road, or do anything in relation to the same.

Art. 14. To see if the town will raise and appropriate the sum of $100 for the use of the Veterans on Memorial Day.

Art. 15. To see if the town will raise and appropriate the sum of $450, to be expended at the discretion of the School Committee, for conveying the children above the sixth grade from the outside schools, or do anything in relation to the same.

Art. 16. To see if the town will raise and appropriate the sum of $1,350, to be expended for street lighting, to be divided between Billerica Centre and North Billerica, or do anything in relation to the same.

Art. 17. To see if the town will raise and appropriate the sum of $450, to be used, in discretion of the School Committee, in paying for the transportation of pupils to the Howe School from the North and other outlying districts, or do anything in relation to the same.

Art. 18. To see if the town will raise and appropriate the sum of $500, for the purpose of building a sidewalk on Billerica Avenue, at North Billerica, from Thomas Talbot Memorial Hall, and extending along said avenue as far as the said appropriation will allow.

Art. 19. To see if the town will raise and appropriate the the sum of $250 as salary of Cattle Inspector for the ensuing year.

Art. 20. To see if the town will vote to expend the income of the Abbot Singing Fund, or do anything in relation to the same.

Art. 21. To see if the town will authorize and direct the Treasurer, with the approval of the Selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 22. To see if the town will raise and appropriate the sum of $150, for the purpose of bonding its Treasurer and its Collector by a guaranty company.

Art. 23. To see if the town will raise and appropriate the sum of $40, and pay the same to the Bennett Library Association, interest due on the Winthrop Faulkner Fund, or do anything in relation to the same.

Art. 24. To see if the town will authorize and direct its Selectmen to sell the old Talbot School building and land belonging with it, and pay the proceeds to the School-house Loan Sinking Fund, or do anything in relation to the same.

Art. 25. To see if the town will raise and appropriate the sum of $150 for the purpose of indexing the twelve volumes of general records of the town.

Art. 26. To see if the town will vote that every salaried official of the Town of Billerica shall be debarred from receiving any compensation for work and supplies other than his official salary and attendant expenses, or do anything in relation to the same.

Art. 27. To see if the town will raise and appropriate the sum of $500 for the purpose of building sidewalks on both sides of Talbot Avenue, no portion of said sum, however, to be expended unless an equal amount be contributed by the abuttors.

Art. 28. To see if the town will change the names Union Hall Street to Carleton Street, Railroad Street to Ruggles Street, and also define and describe Rogers Street, also define limits of Elm and Faulkner Streets, or do anything in relation to the same.

Art. 29. To see if the town will authorize the Selectmen, at their discretion, to sell the steam fire engine, or act in relation thereto.

Art. 30. To see if the town will appoint a committee to consider the matter of salaries of the several town officers, and make recommendations for action at this meeting.

Art. 31. To see if the town will raise and appropriate the sum of $100 to build a street the distance of about 234 feet, on land known as Preston Street, as shown on plans of Alden O. Dane of the Chase lot, so called, or act in relation thereto.

Art. 32. To see if the town will raise and appropriate the sum of $200 for the purpose of wiring the Town Hall for electric lighting, and procuring the fixtures necessary for the same, or act in relation thereto.

Art. 33. To see if the town will vote to use the money paid the Selectmen by the Lowell & Boston Electric Railway Co., the amount being $1,000, in macadamizing, or take any other action in regard to it.

And you are to serve this warrant by posting attested copies thereof, one copy at the Town Hall, one copy in each of the post offices of the town, and one copy in each of the porches or vestibules of the several churches in town, at least eight days before said meeting.

Hereof fail not, and make due return of this warrant to the Town Clerk, with your doings thereon, at the time and place of said meeting.

Given under our hands this twelfth day of March, in the year of our Lord nineteen hundred and two.

CHAS. H. KOHLRAUSCH, JR.,
EDWARD B. HASKELL,
JOSIAH WRIGHT,
Selectmen of Billerica.

A true copy. Attest :

EVERETT W. LIVINGSTON,
Constable.

Billerica, March 24, 1902.

At a legal meeting, held under the foregoing warrant, the following action was taken :

The meeting was called to order and the warrant read by the Town Clerk at 9.10 a. m.

Article 1. Chose Chas. H. Kohlrausch, Jr., moderator by use of the check list and ballot, the vote being unanimous. Upon assuming the office he was duly sworn by the clerk.

The moderator appointed the following tellers, who were sworn by the clerk : Arthur W. Holden, Edward Costello, Fred L. Gleason, Edgar S. Wiers, Natt H. Hutchins and Victor I. Hosmer.

Art. 2. On motion of F. Jaquith, it was voted that the town choose three selectmen, three assessors, three overseers of poor, three auditors, two constables, one collector of taxes.

Art. 3. On motion of Franklin Jaquith, it was voted that the polls be opened and remain open until 3.30 P. M., excepting the noon hour. In accordance with this vote the polls were opened at 9.45 A. M.

The vote as declared was as follows :

SELECTMEN—

C. H. Kohlrausch, Jr.	had	440	votes
R. T. Perry	"	399	"
Josiah Wright	"	258	"
Edward B. Haskell	"	222	"
Wm. Hutchins	"	15	"
Edgar Trombly	"	6	"
E. W. Livingston	"	2	"
N. R. Jones	"	1	"
S. J. Cook	"	1	"

TOWN CLERK—

Herbert A. King	"	468	"

TOWN TREASURER—

Herbert A. King	"	468	"

ASSESSORS—			
George F. Colson	had	451	votes
Josiah Wright	"	375	"
John E. Rowell	"	339	"
Wm. H. Hutchins	"	151	"
George P. Greenwood	"	24	"
Victor Hosmer	"	23	"
Edward B. Haskell	"	4	"
Edgar Trombly	"	3	"
N. R. Jones	"	1	"
OVERSEERS OF POOR—			
S. J. Cook	"	456	"
R. J. Conway	"	460	"
E. B. Haskell	"	381	"
Victor I. Hosmer	"	26	"
R. T. Perry	"	6	"
W. H. Hutchins	"	3	"
Josiah Wright	"	2	"
John Rowell	"	1	"
Geo. F. Colson	"	1	"
BOARD OF HEALTH—			
Coburn S. Smith	"	464	"
Wm. H. Hutchins	"	2	"
SCHOOL COMMITTEE—			
F. A. Casey	"	473	"
Josiah Wright	"	1	"
WATER COMMISSIONER—			
J. Nelson Parker	"	466	"
TOWN HALL SINKING FUND COMMISSIONER—			
F. A. Morey	"	444	"
SCHOOL HOUSE SINKING FUND COMMISSIONERS—			
Nath. R. Jones, 1 year	"	447	"
Jos. F. Talbot, 2 years	"	448	"
John A. Richardson, 3 years	"	448	"
E. B. Haskell	"	1	"

CEMETERY COMMISSIONER—

Herbert A. King ..... had 448 votes

TAX COLLECTOR—

Albert H. Jones..... " 465 "
H. A. King..... " 1 "

TREE WARDEN—

T. E. Smith..... " 466 "
Coburn S. Smith ..... " 21 "

CONSTABLES—

Everett W. Livingston..... " 263 "
Martin Conway, Jr..... " 443 "
Edgar F. Trombly ..... " 193 "
J. Wright ..... " 2 "

AUDITORS—

Arthur L. Blodgett ..... " 467 "
Wm. Stevenson ..... " 446 "
Geo. P. Greenwood ..... " 446 "
E. B. Colby..... " 22 "

HIGHWAY SURVEYOR—

Edward Spaulding ..... " 448 "
Thomas M. Clark ..... " 12 "

Art. 4. Moved by T. E. Smith that Wm. H. Sexton be chosen a member of the Bowers Fund Committee for 5 years. Moved by Franklin Jaquith that the name of Fred H. Parker be substituted for that of William H. Sexton. Motion to amend not carried. Original motion carried and Wm. H. Sexton was declared elected.

Art. 5. On motion of Victor Hosmer, the name of Henry Desmarzes was stricken from the list. On motion of E. B. Haskell the name of Oscar Fellows was stricken from the list. On motion of Natt. Hutchins his name was taken from the list and that of Walter J. Hutchins substituted. On motion of Arthur W. Holden his name was taken from the list. On

motion of E. F. Dickinson the name of Jasper F. Bruce was added to the list. The list was accepted as amended, it being as follows:—

Joseph Ellis	Overseer
Henry Duren	Farmer
James Barrington	Carpenter
Charles L. Beck	Auctioneer
William A. Cowles	Retired
John Latham	Retired
Charles W. Flanders	Optician
Sidney A. Bull	Merchant
Henry Shuman	Farmer
Daniel Callahan, Jr.	Farmer
Edward B. Haskell	Farmer
Nathaniel R. Jones	Farmer
Dennis J. Devine	Jobber
George E. Simonds	Farmer
Thomas E. Spaulding	Farmer
Fred L. Mason	Farmer
Edgar Trombly	Farmer
Edward L. McMahon	Finisher
Henry Dutton	Farmer
W. W. Nason	Clergyman
Walter J. Hutchins	Carpenter
Herbert A. King	Clerk
John J. Mahoney	Clerk
George L. Dunham	Merchant
Clarence A. Bowman	Farmer
Joseph A. Call	Farmer
John E. Rowell	Farmer
Fred H. Parker	Merchant
William F. Symmes	Miller
Henry D. Livingston	Teamster
Benj. G. Hutchins	Carpenter
Franklin Jaquith	Manufacturer
John H. Foster	Agent
H. M. Hutchins	Retired
Dick J. Folsom	Farmer
Albert H. Jones	Collector

Coburn S. Smith ..... Farmer
L. B. Gannon ..... Broker
Thomas Callahan ..... Broker
Benjamin W. Kearney ..... Jobber
George H. Harlow ..... Retired
John Finnegan ..... Farmer
Josiah B. Robinson ..... Machinist
Jasper F. Bruce ..... Retired

Art. 6. On motion of Franklin Jaquith, it was voted that the method of collection be the same as last year, with the addition that the collector furnish an itemized tax bill.

Art. 7. On motion of Franklin Jaquith, it was voted that the same method as last year be pursued.

Art. 8. This article was taken up before Article 3, and it was voted to choose one highway surveyor on the same ballot with the other town officers.

This article coming up again in regular order, it was voted that the Selectmen be fence viewers for the ensuing year. On motion of Mr. Corkum, it was voted that the field drivers be the same as last year, namely : Isaac Hopkinson and Martin Conway, Jr.

On motion of Mr. Jaquith, it was voted that the surveyors of wood and lumber be the same as served last year, namely : John E. Rowell, George E. Simonds, Valentine Rollins, Wm. F. Symmes, Charles A. Foster, Charles R. Wild, Herbert A. King, Chas. H. Morley and Victor Hosmer.

Richard Faulkner moved that the surveyor of highways be instructed to employ Billerica mechanics and pay them a fair day's pay, and not employ a contractor in preference.

Art. 9. Moved and so voted, that the polls on the license question be opened and kept open the same as for town officers. Yes, 39; No, 290.

Art. 10. Mr. Clark moved that the unexpended balance to the credit of the macadam road revert to the treasury. The vote on this motion was Yes, 115; No, 11, and the motion was declared carried.

On motion of E. L. McMahon, it was voted that the reports of the several town officers be accepted as printed.

Art. 11. On motion of Mr. Clark, it was voted that each item in the list of appropriations be acted upon separately.

The following are the appropriations that were voted :

Schools	$9,000 00
Highways	2,500 00
Bridges	600 00
Fire Department	1,300 00
Incidentals	1,300 00
Maintenance of Halls	200 00
Town Farm	1,000 00
Police and Janitor	1,500 00
Outside Relief	1,000 00
Debt Appropriation	650 00
Interest	1,700 00
Insurance	250 00
Sinking Fund and Bond Interest (Town Hall)	2,000 00
Soldiers' Relief	50 00
Registrars of Voters	100 00
Cemeteries	600 00
Common	75 00
Selectmen	425 00
Assessors	250 00
Overseers of Poor	200 00
School Committee	180 00
Town Clerk	200 00
Town Treasurer	300 00
Tax Collector	450 00
Election Officers	100 00
Fish Warden	100 00
Board of Health	75 00
Auditors	75 00
Sidewalks	200 00
Tree Warden	100 00
Sealer of Weights and Measures	50 00
Hydrants	2,300 00
Water Bond Sinking Fund	1,800 00
Town Water	50 00
Water Deficit	1,000 00
School House Loan, Interest and Sinking Fund	1,300 00

Mr. Clark moved that the collector's salary be fixed at $350. This motion was lost by a vote of No, 87; Yes, 50. $450 was then voted, as above stated.

Mr. Clark moved that $26,000 be raised under this article, and it was so voted.

Art. 12. On motion of L. W. Buckley, it was voted that the town accept the provision of Section 37, of Chapter 19 of the Revised Laws, and that the application of the provisions of said chapter and of the civil service and other rules made thereunder, be limited to the police force of the town.

Art. 13. Moved by Josiah Wright, and voted in the affirmative, that the sum of fifteen hundred dollars be raised and appropriated for macadam road ($1,500).

Art. 14. On motion of M. M. Cowdry, it was voted that the sum of one hundred dollars ($100) be raised and appropriated for the use of the Veterans on Memorial Day.

Art. 15. Mr. Barrington moved that the sum asked for be raised and appropriated, and it was so voted ($450).

Art. 16. Mr. Casey moved that the sum of thirteen hundred and fifty dollars ($1,350) be raised and appropriated for the purpose of street lighting at North Billerica and Billerica Centre, and that the Selectmen be authorized to make all necessary contracts.

Mr. Barrington moved that the motion be amended to read eight hundred dollars. The vote on this amendment was Yes, 66; No, 108; and it was declared not carried. The original motion was then carried.

At 3.50 it was voted to close the polls for town officers, on motion of Wm. F. Maxwell.

Art. 18. Mr. Barrington moved that the sum of five hundred dollars be raised and appropriated for the purpose named in this article. Mr. Jackson Wright moved to amend by making this sum $200. Mr. Clark moved that it be $250, and that it be not expended unless an equal sum shall be contributed by the abuttors. Mr. Clark's amendment prevailed, and the motion as amended was voted in the affirmative.

Art. 19. On motion of E. B. Haskell, the sum of two hundred and fifty dollars was raised and appropriated for the purpose named therein.

Art. 20. Moved by C. E. Hosmer, that a committee of one from each religious society be appointed by the chair for the purpose of expending the income of the Abbot Singing Fund. This motion was voted in the affirmative. The chair appointed as that committee, John A. Richardson, chairman, Geo. P. Greenwood, William H. Simonds, John Hughes, S. J. Garner and John E. Rowell.

Art. 21. On motion of T. E. Smith, it was unanimously voted "That the town treasurer be and hereby is authorized and directed, with the approval of the Selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, the sum of $30,000, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 22. Moved by T. E. Smith, and so voted, that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 23. On motion of Mr. Wright, it was voted that forty dollars be raised and appropriated for the purpose named in this article.

Art. 24. On request of E. L. McMahon, by unanimous consent, Article 24 was taken up at 10.55 A. M.

Moved that the Selectmen be authorized and directed to sell the old "Talbot School" building, and land belonging with it, at public auction, and the proceeds be placed in a fund to be expended under the direction of the Selectmen, at an annual disbursement of $1,000 per year, until the total is expended for the macadamizing of town highways.

Mr. Jaquith moved to amend that the money be appropriated to pay the note of $2,000 due on account of money borrowed to build the said school house.

Mr. Clark moved it be further amended that the balance received from such sale, if any, be paid to the School House Loan Sinking Fund.

The amendments as moved by Mr. Jaquith and Mr. Clark prevailed. Mr. Singhi moved that the matter be postponed for one year. This motion did not prevail.

The amended motion was stated by the moderator to be as follows : That the Selectmen be authorized and directed to sell

the old "Talbot School" building and land belonging with it at public auction, and with the proceeds pay the note of $2000 due on account of money borrowed to build said school, and that the balance, if any, received from such sale be paid to the School House Loan Sinking Fund. The question was then put and voted in the affirmative.

Art. 25. On motion of E. L. McMahon, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 26. Moved by T. E. Smith, that this article be dismissed. This motion did not prevail.

Moved by Mr. Singhi, that every salaried official, except physicians in the practice of their profession, of the Town of Billerica, shall not receive any compensation from the town for work or supplies other than his official salary and attendant expenses. All contracts or employment made in violation hereof shall be void, and no bills therefor shall be approved, audited or paid. This motion was voted in the affirmative.

On motion of D. L. Mason, the meeting at 12.10 adjourned to one o'clock P. M.

At 1.25 P. M., Mr. Smith gave notice of reconsideration of the vote passed under Article 26.

Mr. Singhi moved that the vote passed under Article 26 be reconsidered. The vote was Yes, 61; No. 102, and the motion to reconsider was declared lost.

On motion of E. L. McMahon, it was voted that the tellers proceed to count ballots for town officers after 2 o'clock.

Art. 27. Moved by E. L. McMahon, that we raise and appropriate the sum of $500, to be expended in building sidewalks on both sides of Talbot Avenue, no portion of said sum to be expended until the same amount has been contributed by the abuttors and paid to the town treasurer. In case the total amount be not expended, the abuttors' share of the balance to be returned to them. Mr. Barrington moved that the sum be $250. This amendment did not prevail.

The original motion was then voted in the affirmative.

Art. 28. On motion of C. H. Kohlrausch, it was voted to change the name of Union Hall Street to Carleton Street ; Railroad Street to Ruggles Street ; to define Elm Street as running

from Colson Street to the southern bank of the Middlesex canal ; to define Faulkner Street as extending from the canal to Mount Pleasant Street, and Rogers Street from Mount Pleasant Street past the church.

Art. 29. On motion of H. A. King, this article was dismissed.

Art. 30. On motion of Mr. Wright, this article was dismissed.

Art. 31. Moved by E. B. Haskell, and so voted, that the town accept Preston Street as laid out by the Selectmen, and raise and appropriate the sum of one hundred dollars for the purpose of grading the same.

Art. 32. On motion of Mr. Clark, it was voted that this article be referred to the next annual town meeting.

Art. 33. On motion of Josiah Wright, it was voted that the sum of $1,000 received from the Lowell & Boston Electric Railway Co., be expended for macadam road.

Art. 10. On motion of George P. Greenwood, it was voted that it is the sense of this meeting that all taxes due the town and assessed previous to 1901 be collected at once.

On motion of J. E. Rowell, it was voted that the overseers be instructed to remove the name of Henry McKee from the records as a pauper, his board having been paid in full.

On motion of Mr. Clark, a vote of thanks was extended to the moderator for his able and courteous conduct of the meeting.

On motion of Mr. Conway, the meeting was adjourned.

IN THE BOARD OF SELECTMEN.

Billerica, Massachusetts.

Voted: That the New England Telephone and Telegraph Company of Massachusetts be and it is hereby authorized and permitted to erect and maintain poles and wires to be placed thereon, together with such supporting and strengthening fixtures and wires as said Company may deem requisite, in the streets and highways of said town as hereinafter designated. All construction under this permit shall be in accordance with the following specifications: The poles shall be located between the travelled driveway and the limits of the highway, and shall be of wood or other suitable material, and the wires shall be run

at the usual height and along and across the highway. After the poles and wires have been located as specified in this permit, alterations shall be made in the location or erection of the poles, and the height of the wires, if so ordered by the Board of Selectmen.

Following are the streets and highways above referred to:

In Wilmington Road between Woburn Road and Pinehurst Park. In all about three poles.

Signature of Selectmen,

CHAS. H. KOHLRAUSCH, JR.,
RICHARD T. PERRY,

Billerica, Sept. 24, 1902.

At a public meeting of the Selectmen and Town Clerk, John J. Mahoney and Joseph Ellis were drawn and appointed to serve as traverse jurors for the Superior Court to be held at Lowell, Oct. 6, 1902.

Billerica, Oct. 16, 1902.

At a public meeting of the Selectmen and Town Clerk, Herbert A. King and Edward B. Haskell were drawn and appointed to serve as traverse jurors for the Superior Court to be held at Lowell, Oct. 27, 1902.

Billerica, Oct. 2, 1902.

At a public meeting of the Selectmen and Town Clerk, Henry Duren was drawn and appointed to serve as traverse juror for the Superior Court to be held at East Cambridge, Oct. 13, 1902.

COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

To Everett W. Livingston, Constable of the Town of Billerica, Greeting:

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and Town affairs, to meet in the following places: Precinct One, Town Hall, Billerica Centre, 6 o'clock, A.M. Precinct Two, Republican Club Building, North Billerica, 6 o'clock, A. M., Tuesday, Nov. 4th, 1902, to bring in your votes

on one ballot for the following officers: Governor; Lieutenant-Governor; Secretary; Treasurer; Auditor; Attorney General; Councillor, Sixth Middlesex District; Representative in Congress, Fifth District; Senator, Sixth Middlesex District; Two Representatives in General Court, Twenty-Seventh Middlesex District; County Commissioner. And you are to serve this warrant by posting attested copies thereof, one copy at Town Hall, one copy in each of the post offices of the Town, and one copy in each of the porches or vestibules of the several churches in town, at least eight days before said meeting. Hereof fail not, and make due return of this warrant, with your doings thereon, at the time and place of said meeting. Given under our hands this twenty-second day of October in the year of our Lord Nineteen hundred and two.

CHAS. H. KOHLRAUSCH, JR.,
RICHARD T. PERRY,
JOSIAH WRIGHT,
Selectmen of Billerica.

Billerica, Nov. 4, 1902.

I have served this warrant as therein directed.

EVERETT W. LIVINGSTON, Constable.

MEETING OF NOVEMBER 4, 1902.

At a legal meeting, held under the foregoing warrant, the following vote was returned by the Precinct Officers.

PRECINCT ONE.

GOVERNOR.	Votes
John L. Bates of Boston	185
Michael T. Berry of Haverhill	1
John C. Chase of Haverhill	4
William A. Gaston of Boston	44
William H. Partridge of Newton	6
Blanks	19

LIEUTENANT-GOVERNOR.	
John Quincy Adams of Amesbury	9
Thomas F. Brennan of Salem	1
Oliver W Cobb of Easthampton	6
Curtis Guild, Jr., of Boston	187
Herbert C. Joyner of Great Barrington	35
Blanks	21

Secretary.	Votes
Edward A. Buckland of Holyoke	7
Herbert B. Griffin of Winthrop	5
Jeremiah O'Fihelly of Abbington	2
William M. Olin of Boston	183
Willmore B. Stone of Springfield	32
Blanks	30

Treasurer And Receiver General.	
Edward S. Bradford of Springfield	185
Joseph L. Chalifoux of Lowell	37
Frederick A. Nagler of Springfield	2
Daniel Parlin of Worcester	3
David Taylor of Boston	3
Blanks	27

Auditor.	
David Morrisson of Fall River	5
S. Fremont Packard of Brockton	4
Charles Stoeber of Adams	1
Thomas C. Thacher of Yarmouth	36
Henry E. Terner of Malden	179
Blanks	34

Attorney-General.	
Allen Coffin of Nantucket	6
Charles E. Fenner of Worcester	4
John J. Flaherty of Gloucester	32
John A. Henley of Lynn	0
Herbert Parker of Lancaster	191
Blanks	26

Representative in Congress.	
Butler Ames of Lowell	184
William S. Searle of Methuen	6
John T. Sparks of Dracut	45
James A. Wilkinson of Methuen	4
Joseph Youngjohns of Lowell	0
Blanks	20

Councillor.	
John H. Gray of Malden	7
William J. McClusky of Lowell	29
Henry E. Richardson of Lowell	6
Walter Scott Watson of Lowell	190
Blanks	27

SENATOR.	
Quincy Adams of Townsend	9
Herbert E. Fletcher of Westford	190
Benjamin Staveley of Tewksbury	4
Henry F. Tarbell of Pepperell	30
Blanks	26
REPRESENTATIVE IN GENERAL COURT.	
Charles E. Anderson of Lowell	8
Sidney A. Bull of Billerica	206
Edward L. McMahon of Billerica	55
Daniel J. O'Brien of Lowell	25
William Trull Sheppard of Lowell	163
Blanks	61
COUNTY COMMISSIONER.	
George R. Duren of Carlisle	44
Levi S. Gould of Melrose	180
Arthur Staveley of Tewksbury	5
Luther S. Wood of Lowell	5
Blanks	25
Total vote of Precinct One	259

PRECINCT TWO.

GOVERNOR.	Votes
John L. Bates of Boston	147
Michael T. Berry of Haverhill	4
John C. Chase of Haverhill	4
William A. Gaston of Boston	116
William H. Partridge of Newton	1
Blanks	19
LIEUTENANT-GOVERNOR.	
John Quincy Adams of Amesbury	13
Thomas F. Brennan of Salem	5
Oliver W. Cobb of Easthampton	2
Curtis Guild, Jr., of Boston	134
Herbert C. Joyner of Great Barrington	103
Blanks	34
SECRETARY.	
Edward A. Buckland of Holyoke	4
Herbert B. Griffin of Winthrop	1
Jeremiah O'Fihelly of Abbington	5
William M. Olin of Boston	137
Willmore B. Stone of Springfield	103
Blanks	41

TREASURER AND RECEIVER GENERAL.

Edward S. Bradford of Springfield	130
Joseph L. Chalifoux of Lowell	104
Frederick A. Nagler of Springfield	6
Daniel Parlin of Worcester	1
David Taylor of Boston	3
Blanks	47

AUDITOR.

David Morrisson of Fall River	2
S. Fremont Packard of Brockton	6
Charles Stoeber of Adams	7
Thomas C. Thacher of Yarmouth	102
Henry E. Terner of Malden	130
Blanks	44

ATTORNEY-GENERAL.

Allen Coffin of Nantucket	2
Charles E. Fenner of Worcester	6
John J. Flaherty of Gloucester	104
John A. Henley of Lynn	7
Herbert Parker of Lancaster	131
Blanks	41

REPRESENTATIVE IN CONGRESS.

Butler Ames of Lowell	127
William S. Searle of Methuen	1
John T. Sparks of Dracut	140
James A. Wilkinson of Methuen	6
Joseph Youngjohns of Lowell	4
Blanks	13

COUNCILLOR.

John H. Gray of Malden	2
William J. McClusky of Lowell	104
Henri E. Richardson of Lowell	8
Walter Scott Watson of Lowell	131
Blanks	46

SENATOR.

Quincy Adams of Townsend	4
Herbert E. Fletcher of Westford	145
Benjamin Staveley of Tewksbury	12
Henry F. Tarbell of Pepperell	95
Blanks	35

REPRESENTATIVE IN GENERAL COURT.

Charles E. Anderson of Lowell	1
Sidney A. Bull of Billerica	100
Edward L. McMahon of Billerica	198
Daniel J. O'Brien of Lowell	123
William Trull Sheppard of Lowell	88
Blanks	72

COUNTY COMMISSIONER.

George E. Duren of Carlisle	111
Levi S. Gould of Melrose	129
Arthur Staveley of Tewksbury	11
Luther S. Wood of Lowell	2
Blanks	38
Total vote of Precinct Two	291

COMMONWEALTH OF MASSACHUSETTS.

COUNTY OF MIDDLESEX, CITY OF LOWELL.

City Clerk's Office, City Hall,
November 14, 1902, 12 o'clock M.

We, the undersigned, clerks of the city and towns included in the Twenty-Seventh Middlesex Representative District, certify, that a meeting of said clerks was holden as directed by Section 257, Chapter 11, of the Revised Laws, at the place designated by the County Commissioners, to wit: at the City Clerk's Office, City Hall, Lowell, on the date and at the time above written, for the purpose of determining who appeared to be elected to the office of Representative in the General Court from said district, and they did examine and compare the record of votes given in for said office at the election holden on the fourth day of November A. D. 1902, in the several precincts of the City of Lowell, and in the several towns of which said district is comprised, and we further certify the following to be a true and complete schedule of all the persons voted for, for Representatives in said district, and as shown by the said copies of record the number of votes for each person.

Whole number of ballots, four thousand eight hundred and ninety-three	4,893
Charles E. Anderson of Lowell, had one hundred and thirty	130
Sidney A. Bull of Billerica, had one thousand nine hundred and twenty-two	1,922
Edward L. McMahon of Billerica had two thousand one hundred and fifty-nine	2,159
Daniel J. O'Brien of Lowell, had two thousand one hundred and forty-nine	2,149
William Trull Sheppard of Lowell, had two thousand one hundred and sixteen	2,116
John J. Flynn had one	1
Blanks, one thousand three hundred and nine	1,309
Whole number of votes and blanks, nine thousand seven hundred and eighty-six	9,786

GIRARD P. DADMAN, City Clerk, Lowell.
HERBERT A. KING, Town Clerk, Billerica.
HARRY W. NICHOLS, Town Clerk, Burlington.
DANIEL L. CHAMBERLAIN, Town Clerk, Carlisle.
GAYTON M. HALL, Town Clerk, Dracut.
ARTHUR F. UPTON, Town Clerk, North Reading.
JOHN H. CHANDLER, Town Clerk, Tewksbury.
JAMES E. KELLEY, Town Clerk, Wilmington.

Births Recorded in 1902.

No.	Date.	Name of Child.	Name of Parents.
1.	Jan. 1.	Beatrice Latham	George and Maude
2.	Jan. 5.	Beatrice Pearl Smith	Perley D. and Sadie E.
3.	Jan. 10.	Eleanor Ormrod	Oliver and Mary Ann
4.	Jan. 17.	Raymond Shaw	James and Helen
5.	Feb. 17.	Lester Allen Frost	Amos J. and Edith A.
6.	Mar. 3.	Mary Peirce	Hermon Winthrop and Ethel
7.	Mar. 20.	Benjamin Allen Kittridge	Thomas and Frances
8.	Mar. 7.	Arthur Clark Dolan	Philip and Ida
9.	Mar. 28.	Davis Francis Roome	J. Frank and Nellie A.
10.	April 2.	Thomas Frederick Fairbrother	John and Lucy
11.	April 6.	Marie Sheridan	Thomas F. and Mary Agnes
12.	April 10.	Nellie Marion Fayton	Thomas and Lillie M.
13.	May 2.	Marianne Brabant	Arsene and Jennie
14.	May 20.	James Duncan McLeod	John D. and Martha L.
15.	June 4.	—— Hayes	Timothy and Lena
16.	June 12.	Walter Chester Butterworth	William A. and Josephine
17.	June 16.	—— Sanson	James A. and Julia
18.	June 30.	John Albert Holman	Peder E. and Lena
19.	July 3.	Gordon Everett Willard	Harrison and Carey
20.	July 15.	Lillian Simpson	James and Jennie
21.	July 25.	Beatrice Ellis	Joseph and Lydia
22.	July 27.	Ethel Latham,	Thomas and Sarah
23.	Aug. 23.	Neil Edward Foster	Walter and Annie
24.	Aug. 24.	William Charles Casey	William and Mary
25.	Sept. 1.	Catherine Margaret McCarthy	John and Margaret
26.	Sept. 1.	Julia Agnes Hayes	Michael and Julia
27.	Sept. 2.	Marian Hilda Smith	Fred C. and Mabelle
28.	Sept. 20.	John Edmund Newell	John and Patience
29.	Sept. 10.	Henry Hugh Smith	William and Maude
30.	Sept. 24.	William Francis Condon	John and Ellen
31.	Oct. 14.	Mary Donnelly	James and Bridget

BIRTHS RECORDED IN 1902—Continued

No.	Date.	Name of Child.	Name of Parents.
32.	Dec. 3.	Margaret Josephine Shuren	Jeremiah and Rose
33.	Dec. 26.	Clarence Edward Pasho	Fred and Lizzie
34.	Feb. 10.	Esther Mary Donohoe	Daniel and Mary
35.	Mar. 8.	Anthony Francis O'Brien	Jeremiah and Bridget
36.	April 18.	Charles Fairbrother	Charles and Ruth
37.	Oct. 11.	Margaret Maria Mahoney	Patrick and Catherine
38.	Mar. 18.	Meeran Magarian	Mosek and Altoon
39.	April 20.	—— Radcliffe	Walter and Mary
40.	Oct. 21.	Genevieve Elizabeth Bicknell	Frank J. and Nellie M.
41.	Dec. 9.	Charles Henry Schmelzer	Henry L. and Bertha
42.	Dec. 14.	Charles Everett Morris	Charles E. and Selina M.
43.	Mar. 7.	John Latham Walker	Christopher and Mary

HERBERT A. KING,
Town Clerk.

Marriages in Billerica During 1902.

Date.	NAMES.	Residence.
Jan. 19.	John William Saunders	Billerica, Mass.
	Lillian Passingham	Lowell, Mass.
Jan. 29.	Joseph Michael Gannon	Billerica, Mass.
	Margaret Costello	Billerica, Mass.
Feb. 3.	Henry J. Mahoney	Billerica, Mass.
	Catherine Kane	Saxonville, Mass.
Mar. 6.	William H. Stevenson	Lowell, Mass.
	Jennie Catherwood	Billerica, Mass.
April 7.	Charles J. Nugent	Billerica, Mass.
	Catherine A. Coughlin	Billerica, Mass.
April 29.	William J. Cullinan	Billerica, Mass.
	Margaret Higgins	Boston, Mass.
June 11.	Edward F. O'Toole	No. Billerica, Mass.
	Adeline J. Lenihan	Lowell, Mass.
June 16.	Joseph P. Meaney	Billerica, Mass.
	Anna Harrington	Billerica, Mass.
June 25.	Charles A. Reed	Lowell, Mass.
	Lena M. Tufts	Billerica, Mass.
June 30.	Michael J. Coughlin	Billerica, Mass.
	Mary Carmichael	Lowell, Mass.
July 17.	Robert S. Collyer	New York, N. Y.
	Gertrude Savage	New York, N. Y.
July 22.	Charles A. Hall	Billerica, Mass.
	Margaret Fitzgerald	Waltham, Mass.
July 27.	George P. Bolles, Jr	Boston, Mass.
	Edith M. Baker	Boston, Mass.
Sept. 2.	Charles Augustus Randlett	Billerica, Mass.
	Mary Downing Small	Cambridge, Mass
Sept. 3.	George Thomas O'Donnell	Billerica, Mass.
	Agnes Ryan	Waltham, Mass
Sept. 6.	Ora E. Bohannon	Billerica, Mass.
	Alice Balmforth	Billerica, Mass.
Oct. 9.	Frederick George Farquhar	Philadelphia, Penn.
	Frances Parker	Billerica, Mass.
Dec. 23.	Erastus B. Colby	Billerica, Mass.
	Mary Ella Rich	Billerica, Mass.

HERBERT A. KING,
Town Clerk.

Deaths in 1902.

Date of Death.	NAME.	AGE Years.	Months.	Days.
Jan. 5.	Johana Crowley	96	—	—
Jan. 11.	Hannah H. Osborn	84	5	1
Jan. 15.	Frances L. Condon	1	7	—
Jan. 25.	Charles A. Russell	—	10	—
Jan. 31.	Unknown	about 45	—	—
Feb. 6.	Esther A. Stott	1	1	4
Feb. 20.	Effie Morris	20	8	3
Feb. 23.	Unknown	about 35	—	—
Mar. 12.	Ellen L. Foster	56	—	6
Mar. 16.	Minerva K. Harding	75	11	23
April 6.	Lillie Durand	2	11	—
April 7.	Alfred Durand	1	—	15
April 12.	Mary Alice Butler	3	8	—
April 18.	Abigail B. Cook	63	2	24
April 26.	Edna Viola Jackson	2	1	16
May 17.	Littleton T. Faulcon	75	—	—
May 20.	John Crawford	52	—	—
May 21.	Joseph W. Richardson	75	1	1
May 22.	James A. Emmett	46	—	—
May 25.	Margaret Randles	38	—	—
May 28.	Eleanor Mitchell	38	—	—
April 20.	———— Radcliffe	—	—	—
May 31.	Meeran Magarian	—	2	13
June 4.	———— Hayes	—	—	—
June 16.	———— Sanson	—	—	—
June 17.	Nina Butler Foster	31	6	22
June 28.	Annie E. Morey	48	8	16
June 29.	William C. Phillips	63	9	21
July 12.	Louisa Buckley	57	2	3
July 13.	Lillian F. Meagher	30	8	—
July 18.	Doris Frances Roome	—	3	21
July 29.	Sybil Rohrer	2	3	9
Aug. 12.	Helen Irene Whitney	—	3	7

DEATHS IN 1902—Continued

Date of Death.	NAME.	AGE. Years.	Months.	Days.
Aug. 18.	Patrick J. Emery	—	2	—
Sept. 10.	John F. Foss	63	—	—
Sept. 8.	Margaret Douglas McMahon	69	9	—
Sept. 13.	Lydia Ann George	76	—	—
Oct. 12.	Aaron Pasho	78	—	—
Oct. 16.	Hannah H. Kohlrausch	83	5	13
Oct. 18.	Lucy Greenwood	86	4	14
Oct. 26.	Frederick A. Morey	56	8	23
Dec. 30.	Molly Hayes	5	10	—
Dec. 31.	Annie Hayes	3	11	—

BURIALS IN BILLERICA OF PERSONS WHO DIED ELSEWHERE.

April 11.	Joel H. Dix, Apoplexy	76	11	—
July 3.	Fannie B. Toothacher, Old Age	84	10	10
Sept. 11.	Eveline R. Baldwin, Cancer of Stomach	69	—	—
Nov. 21.	Aradine Brown, Pneumonia	61	—	—

HERBERT A. KING,
Town Clerk.

List of Persons having Dogs Licensed During the Year 1902.

No.	Name.	No.	Name.
1	Fred C. Smith,	35	Geo. Moore,
2	Daniel Donahoe,	36	J. Buckley,
3	Wm. J. Biggerstaff,	37	Chas. Collins,
4	C. W. Flanders, Jr.,	38	Isaac Hopkinson,
5	Lewis A. Crosby,	39	Chas. Rollins,
6	John L. Ready,	40	J. Perry,
7	Andrew Townsend,	41	Roger Barrington,
8	E. J. Sanborn,	42	Frances McDermott,
9	Kenneth McElman,	43	C. B. Frost,
10	Arthur Felleow,	44	C. B. Frost,
11	John E. Dewhurst,	45	Fuller Twins,
12	John Stahle,	46	Fred Lewis,
13	P. J. Sexton,	47	John Hockyard,
14	M. A. Buck,	48	Peder E. Holman,
15	Frank Abele,	49	Warren H. Manning,
16	Frank Holden,	50	Thomas Fayton,
17	Hannah Collins,	51	C. E. Bailey,
18	Leslie Peavey,	52	C. E. Bailey,
19	John Barnes,	53	F. L. Gleason,
20	M. H. Kohlrausch,	54	S. P. Beard,
21	John C. Crawford,	55	Ernest Robinson,
22	J. T. Haslam,	56	Jonathan Williams,
23	Albert Hilton,	57	H. B. Richardson,
24	J. H. Foster,	58	Erwin C. Frost,
25	J. H. Foster,	59	Wm. F. Symmes,
26	N. A. McMillen,	60	C. H. Kohlrausch, Jr.,
27	Geo. R. Herrick,	61	E. B. Haskell,
28	Josiah Wright,	62	T. G. Messer,
29	Josiah Wright,	63	A. D. Stanton,
30	Mrs J. E. Bottomley,	64	V. Rollins,
31	John Brown,	65	Arthur Dodge,
32	Geo. E. Simonds,	66	John Shepherd,
33	H. W. Sheldon,	67	William G. Baker,
34	Fred Wain,	68	H. A. Dutton,

69 Oscar Bicknell,
70 Mrs. Warren Richardson,
71 W. S. Trefry,
72 Wm. Stewart,
73 N. P. Jones,
74 N. P. Jones,
75 N. P. Jones,
76 F. M. Small,
77 Louie H. Russell,
78 John P. Gregware,
79 J. Mahoney,
80 Warren H. Carter,
81 Edward Keating,
82 Daniel Norcross,
83 Chas. Maxwell,
84 Owen Murningham,
85 E. D. Hannon,
86 Wm. H. Gannon,
87 Sarah Dutton,
88 F. C. Bemis,
89 John Nuttall,
90 M. O. Ruth,
91 Thos. J. Callahan,
92 John F. Riley,
93 B. Kearney,
94 John J. Higgins,
95 F. S. Clark,
96 W. H. Smith,
97 Abram C. Flint,
98 Victor T. Bruorton,
99 W. E. Eastman,
100 Orrin Maybery,
101 Heirs of E. J. Hill,
102 Fred Gray,
103 H. Winthrop Pierce,
104 P. H. Mahoney,
105 Henry T. Bird,
106 Geo. P. Greenwood,
107 H. W. Essex,
108 P. J. Bailey,
109 P. J. Bailey,
110 P. J. Bailey,
111 P. J. Bailey,
112 Wm. Bollington,
113 James Ellis,
114 Chas. Hurst,
115 S. Metcalf,
116 F. M. Blanchard,
117 C. C. Page,
118 Albert Lakeman,
119 Chas. Lyons,
120 Foster Thurston,
121 R. J. Conway,
122 R. J. Conway,
123 John Conway,
124 Jos. Garner,
125 T. E. Smith,
126 F. H. Parker,
127 Thos. Talbot,
128 Thos. Talbot,
129 Thos. Talbot,
130 Thos. Talbot,
131 Thos. Talbot,
132 Thos. Talbot,
133 Thos. Talbot,
134 J. B. Holden,
135 J. B. Holden,
136 J. B. Holden,
137 W. A. Holt,
138 Amy Putney,
139 Geo. F. Harndon,
140 Alex. Dutton,
141 W. S. Trefry,
142 G. N. Mills,
143 Sarah M Woods,
144 Allen Bottomley,
145 G. W. Lord,
146 P. G. Dockham,
147 Edw. Dugan,
148 Oliver Ormrod,

149 Edw. Spaulding,
150 Fred Mixon,
151 John W. Morrell,
152 Elmer E. Cole,
153 John H. O'Brien,
154 J. B. Robinson,
155 Thos. Lyons,
156 Henry Schmelzer,
157 Warren Shedd,
158 Warren Shedd,
159 Fred Mears,
160 Augustus Shedd,
161 E. P. Sellow,
162 Bert. C. Pasho,
163 A. W. Merriam,
164 E. L. Hawes,
165 Fred Pasho
166 Walter Morris,
167 A. D. Boynton,
168 A. D. Boynton,
169 H. Willard,
170 John Batchelder,
171 Wm. McBride,
172 Oliver Ormrod,
173 Chas. E. Scott,
174 Peter Dolan,
175 Philip B. Dolan,

HERBERT A. KING,
Town Clerk.

Treasurer's Report.

DR.

Balance, cash on hand, Feb. 28, 1902		$2,219 90
Money received during the year and credited as follows : —		
Schools.		
State: School Superintendent	$ 625 00	
County: Dog Tax	324 29	
C. S. Smith	1 75	
		951 04
Highway.		
M. McElmon	8 00	
J. A. Richardson	5 60	
Railway tax	1,644 66	
C. A. Wright	7 00	
Macadam road	400 50	
Sidewalks	112 25	
		2,178 01
Outside Relief.		
S. Burton	84 50	
D. O'Keefe	39 93	
State of Massachusetts	6 00	
S. Burton	17 18	
State of Massachusetts	50 00	
City of Lowell	3 00	
D. O'Keefe	61 75	
D. O'Keefe	27 39	
George Fairbrother	74 29	
		364 04
Amount carried forward		$5,712 99

Amount brought forward		$5,712 99
Bridges.		
A. H. Andrews	1 00	
F. & M. McElligott	14 30	
		15 30
Incidentals.		
Lowell Fertilizer Co.	1 00	
H. Schmelzer	1 00	
F. S. Gleason	2 00	
M. Magar	1 00	
W. H. Bent	15 00	
R. C. Baker (Sealer)	27 12	
George L. Dunham	31 55	
Estate of F. A. Morey	25 08	
T. F. Lyons	2 64	
		106 39
Janitor and Police.		
Police Court	15 00	
Alvah S. Baker	6 00	
James F. Savage	85	
Alvah S. Baker	10 00	
James F. Savage	38 40	
		70 25
Interest.		
Talbot Mills		12 75
Insurance.		
Rebate on Insurance Old Talbot School		49 30
Cemeteries.		
J. H. Jackson	5 00	
A. Paris	5 00	
C. H. Shedd	5 00	
Received from Trust Fund	494 96	
		509 96
Amount carried forward		$6,476 94

Amount brought forward		$6,476 94
CATTLE INSPECTOR.		
State of Massachusetts.....		69 70
MACADAM ROAD.		
Massachusetts Broken Stone Co.....	32 85	
State of Massachusetts.....	1,500 00	
		1,532 85
STATE AID.		
Received from State.....		408 00
WATER DEPARTMENT.		
Received from Commissioners		6,160 01
TOWN FARM.		
Received from Superintendent		1,914 80
STATE SCHOOL FUND.		
State of Massachusetts.....		294 76
Anticipation notes		18,000 00
TAXES.		
Received from Collector, cash	40,138 42	
abatements....	2,145 80	
discounts	172 14	
		42,456 36
MAINTENANCE OF HALLS.		
Use of Hall.....		26 00
OLD TALBOT SCHOOL.		
Talbot Mill for school.....		2,225 00
CORPORATION AND BANK TAX.		
Received from State.....		6,422 84
ABBOT SINGING FUND.		
Received from Interest Department.....		122 00
		$86,109 26

CR.

Paid approved bills during the year and charged the same to the following accounts:—

Schools	$ 9,710 45
Highways	5,573 81
Outside Relief	902 64
Bridges	591 77
Fire Department	1,282 84
Incidentals	1,515 08
Janitors and Police	1,566 40
Debt, Bond Interest and Sinking Fund	5,934 35
Interest	1,480 09
Insurance	208 00
Salaries	2,376 50
Common	75 00
Cattle Inspector	362 70
Sidewalks, Talbot Avenue	500 00
Sidewalks	112 25
Memorial Day	100 00
Sale of School House	40 65
Conveying Scholars	363 25
Macadam Road	3,762 87
Street Lighting	1,070 19
State Aid	484 00
Water Department	9,493 54
Town Farm	2,938 06
State Tax	1,275 93
County tax	2,482 62
Maintenance of halls	279 32
New Talbot School	927 79
Conveying scholars, Howe School	200 25
Faulkner fund, interest	40 00
Treasurer's bond	90 00
Bowers fund note	2,000 00
Tax discounts and abatements	2,317 94
Indexing records	150 00
Amount carried forward	$60,208 29

Amount brought forward		$60,208 29
Anticipation loans		24,000 00
Preston street		73 63
Abbot singing fund		112 00
Preserving records		30 00
Cemeteries		1,037 52
Balance on hand to credit of new school building	$ 23 17	
Balance general fund	624 65	
		647 82
		$86,109 26

HERBERT A. KING,
Treasurer.

GEORGE P. GREENWOOD,
ARTHUR L. BLODGETT,
Auditors.

REPORT OF TRUST FUNDS IN HANDS OF TREASURER FEBRUARY 28, 1903.

Bowers Fund and Joseph Stearns Fund for care of poor in Billerica:

Amount of fund Feb. 28, 1903	$14,865 96	
Received income during the year	634 15	
	$15,500 11	
Paid during the year on order of committee	537 11	
		$14,963 00

ACCOUNTING.

Lowell Institution for Savings	$ 237 19	
Five Cent Savings Bank	741 91	
City Institution for Savings	652 45	
Central Savings Bank	731 73	
Mechanics Savings Bank	1,137 97	
City Institution for Savings	500 00	
Mechanics Savings Bank	1,000 00	
Central Savings Bank	1,000 00	
Chessman Mt'g	1,800 00	
Town notes	7,160 00	
Cash on hand	1 75	
		$14,963 00

Thompson Fund, care of Fox Hill Cemetery, $1000:

Amount of Fund Feb. 28, 1902	$ 1,000 00	
Amount of Fund Feb. 28, 1903		$ 1,000 00

Betsey Cowdrey Fund, care of lot in North Cemetery, $50:

Amount Feb. 28, 1902	52 90	
Received income during the year	1 84	
	54 74	
Paid during the year	2 00	
Amount of Fund Feb. 28, 1903		52 74
Amount carried forward		$16,015 74

Amount brought forward		$16,015 74
Abbot Singing Fund, $1400:		
Amount of Fund Feb. 28, 1902	1,706 32	
Received income during the year....	82 03	
	1,788 35	
Paid during the year	122 00	
Amount of Fund Feb. 28, 1903		1,666 35
Winthrop Faulkner Fund for Library, $1000:		
American Loan and Trust Co. bond, face value	750 00	
City Institution for Savings.....	256 26	
Received income during the year....	8 74	
		1,015 00
Gray Cemetery Fund, for Fox Hill, $500:		
Amount of Fund Feb. 28, 1902	500 00	
Received income during the year....	15 11	
	515 11	
Paid.....	15 11	
Amount of Fund Feb. 28, 1903		500 00
Shedd Fund, care of Manning lot, North Cemetery, $100:		
Amount of Fund Feb. 28, 1902	122 66	
Received income	4 31	
	126 97	
Paid.....	3 00	
Amount of Fund Feb. 28, 1903		123 97
Amount carried forward		$19,321 06

Amount brought forward		$19,321 06
Sarah E. Frost Fund, for care of lot in Fox Hill, $100:		
Amount of Fund Feb. 28, 1902	111 22	
Received income	3 92	
	115 14	
Paid.....	8 80	
Amount of Fund Feb. 28, 1903		106 34
Calvin Rogers Fund, for care of family lot and of neglected graves, $300:		
Amount of Fund Feb. 28, 1902	441 54	
Received income	15 58	
	457 12	
Paid.....	98 00	
Amount of Fund Feb. 28, 1903		359 12
Sweetser Fund, care of Richardson lot, South Cemetery, $1000:		
Amount of Fund Feb. 28, 1902	1,282 50	
Received income	51 27	
	1,333 77	
Paid.....	31 00	
Amount of Fund Feb. 28, 1903		1,302 77
Samuel Foster Fund, care of lot in South Cemetery, $100:		
Amount of Fund Feb, 28, 1902	131 12	
Received income	5 22	
	136 34	
Paid.....	8 00	
Amount of Fund Feb. 28, 1903		128 34
Amount carried forward		$21,217 63

Amount brought forward		$21,217 63
A. W. Patten Fund, care of lot in Fox Hill $300:		
Amount of Fund Feb. 28, 1902	337 97	
Received income	11 92	
	349 89	
Paid.....	8 00	
Amount of Fund Feb. 28, 1903		341 89
Josiah Rogers Fund, care of lot in North Cemetery, $200:		
Amount of Fund Feb. 28, 1902	209 60	
Received income	7 39	
	216 99	
Paid.....	6 05	
Amount of Fund Feb. 28, 1903		210 94
Isaac Knapton Fund, care of lot in North Cemetery, $100:		
Amount of Fund Feb. 28, 1902	103 69	
Received income	3 64	
	107 33	
Paid.....	4 00	
Amount of Fund Feb. 28, 1903		103 33
Bryant Fund, for care of lot in North Cemetery, $150:		
Amount of Fund Feb. 28, 1902	155 62	
Received income during the year ..	5 48	
	161 10	
Paid.....	4 00	
Amount of Fund Feb. 28, 1903		157 10
Amount carried forward		$22,030 89

Amount brought forward		$22,030 89
Jaquith Fund, for care of Franklin and Lucy Jaquith lots in South Cemetery, $100:		
Amount of Fund Feb. 28, 1902	105 86	
Received income	3 71	
Amount of Fund Feb. 28, 1903		109 57
Amos Cray Fund, for care of Amos Cray lot in North Cemetery, $200:		
Amount of Fund Feb. 28, 1902	203 58	
Received income	7 17	
	210 75	
Paid.....	4 00	
Amount of Fund Feb. 28, 1903		206 75
Sawyer Fund, for care of Jeremiah and Henry Allen lots, North Cemetery, $114:		
Amount of Fund Feb. 28, 1902	120 42	
Received income	4 23	
Amount of Fund Feb. 28, 1903		124 65
Bohonan Fund, for care of lot in Fox Hill Cemetery, $75:		
Amount of Fund Feb. 28, 1902	77 64	
Received income	2 72	
Amount of Fund Feb. 28, 1903		80 36
Thomas Sumner Fund, for care of lot in South Cemetery, $100:		
Amount of Fund Feb. 28, 1902	100 00	
Received income	2 62	
Amount of Fund Feb. 28, 1903		102 62
Amount carried forward		$22,654 84

Amount brought forward		$22,654 84
Francis V. Noyes Fund, for care of lot in North Cemetery, $200:		
Amount of Fund Feb. 28, 1902	200 00	
Received income	7 05	
Amount of Fund Feb. 28, 1903		207 05
Joel Baldwin Fund, for care of lot in Fox Hill Cemetery, $100:		
Amount of Fund Feb. 28, 1902	100 00	
Received income	1 50	
Amount of Fund Feb. 28, 1903		101 50
Faulkner Fund, for care of North Cemetery, $1500:		
Amount of Fund deposited June 1902	1,500 00	
Received income	26 25	
	1,526 25	
Paid.....	300 00	
Amount of Fund Feb. 28, 1903		1,226 25
Levi Sprague Fund, for care of lot in North Cemetery, $300:		
Amount deposited April, 1902	300 00	
Received income	7 92	
Amount of Fund Feb. 28, 1903		307 92
Amount carried forward		$24,497 56

Amount brought forward		$24,497 56
Maria Dows Fund, for care of lot in North Cemetery, $200:		
Amount of Fund Feb. 28, 1902	233 48	
Received income	8 23	
	241 71	
Paid.....	3 00	
Amount of Fund Feb. 28, 1903		238 71
Total amount of trust funds		$24,736 27

HERBERT A. KING,
Treasurer.

GEO. P. GREENWOOD,
ARTHUR L. BLODGETT,
Auditors.

Financial Statement, Year Ending Feb. 28, 1903.

Balance, cash on hand		$ 647 82
Uncollected taxes		$15,360 27
Total assets		$16,008 09
Less town notes borrowed in anticipation of taxes of 1902	$2,000 00	
Less balance due Collector's salary, 1899, 1900, 1901, 1902	400 00	
Less balance due Schools account of State School Fund	299 21	
Less balance due Cemeteries	224 96	
Less balance due Macadam road	269 98	
Less balance due Abbott Singing Fund	10 00	
Less balance due Street Lighting	225 00	
Less balance due New Talbot School	23 17	
		$3,452 32
Surplus		$12,555 77

HERBERT A. KING,
Treasurer.

GEO. P. GREENWOOD,
ARTHUR L. BLODGETT,
Auditors.

Financial Condition of the Town, Feb. 28, 1903.

TOWN NOTES.

Payee.	Date.	Due.	Rate.	Amount.
Trustees Howe school	June 3, 1852	1 year.	6 per ct.	$1,000 00
Bowers fund.....	Dec. 1, 1871	Demand.	5 " "	5,960 00
" "	June 18, 1878	"	5 " "	400 00
" "	May 15, 1874	"	5 " "	800 00
Trustees Howe school	July 12, 1878	"	6 " "	1,000 00
" " "	Aug. 13, 1878	"	6 " "	1,000 00
" " "	Sept. 11,1879	"	6 " "	1,500 00
" " "	Mar. 20, 1880	"	6 " "	1,400 00
" " "	Aug. 4, 1880	"	6 " "	500 00
Payable to bearer....	May 1, 1898	May 1903	4½ " "	650 00
" " "	May 1, 1898	May 1904	4½ " "	650 00
" " "	Aug.22,1900	Aug. 1903	4 " "	1,500 00

Floating debt Feb. 28, 1903.....		$ 16,360 00
Less surplus.....		12,555 77
		3,804 23
Bonded debt, Town Hall.....	30 000 00	
Less sinking fund.....	7,445 88	
		22,554 12
Bonded debt, Water Works.....	90,000 00	
Less sinking fund.....	7,123 82	
		82,876 18
Bonded debt, school house.....	25,000 00	
Less sinking fund.....	1,817 92	
		23,182 08
Total indebtedness of the town, Feb. 28, 1903.		132,416 61

CHAS H. KOHLRAUSCH, JR.,
JOSIAH WRIGHT,
RICHARD T. PERRY,
Selectmen of Billerica.

HERBERT A. KING,
Treasurer.

Fifth Annual Report of the Water Commissioners.

MAINTENANCE ACCOUNT.

RECEIPTS.

Appropriated by Town on account of water deficit		$ 476 80
Appropriated by Town (for hydrants)		2,300 00
Meter rates	$1,930 33	
Faucet rates	1,222 90	
3 maximum rates	75 00	
House boilers	1 00	
For building purposes	25 26	
Talbot Mills, street sprinkling	5 22	
Guarantee on account of Extension of Main on Parker street	15 14	
Horses and cattle	14 00	
		3,288 85
Hay on pumping station lot	10 00	
Interest on Talbot Mills' deposit	8 91	
		18 91
Total receipts		$6,084 56

EXPENDITURES.

N. A. McMillen,		
Services as Superintendent	$1,000 00	
Use of team	47 60	
Cash paid laborers	10 66	
Carfares to and from Lowell	40	
Stationery	1 20	
		1,059 86
Amount carried forward		$1,059 86

Amount brought forward			$1,059 86
C. B. Coburn & Co.,			
Supplies			15 96
Ludlow Valve Manufacturing Co.,			
1 1-2 doz. rubber rings for hydrants		13 50	
Express on same		40	
			13 90
Talbot Mills,			
23.35 tons coal @ $3.83		90 77	
45.20 tons coal @ $3.75		170 25	
31.35 tons coal @ $6.75		211 61	
14.90 tons coal @ $6.50		96 85	
50 lbs. cotton waste @ 7 1-2c		3 50	
5 lbs. prestoline polish @ 25c.	1 25		
Oil 23c., brooms $1.00	1 23		
		2 48	
1 barrel		20	
Miscellaneous shop work		6 79	
Labor and materials used on leak at Corner Bridge		7 20	
Labor on standpipe Mt. Pleasant street		2 22	
Teaming 31.35 tons coal @ 50c		15 68	
Kerosene oil, 53 gals, @ 12 1-2c	6 63		
Barrel	1 50		
	8 13		
Barrel returned (credit)	1 43	6 70	614 25
Edward F. Carley,			
Cash paid sundry laborers		152 68	
Miscellaneous freight		1 88	
Freight on 14.55 tons coal		12 67	
George H. Barker, painting at pumping stations		34 46	
George H. Barker, Pipe boxes and bridges		116 85	
Pipe box cleaner		2 53	
Stamped envelopes		26 80	
Amounts carried forward		$347 87	$1,703 97

Amounts brought forward	$347 87	$1,703 97
Stamps	6 00	
Express bills	1 95	
Lantern globes and wicks	60	
Services as Clerk	100 00	456 42
New England Water Works Association,		
Dues to Feb. 1, 1903	6 00	
Dues to Feb. 1, 1904	6 00	
		12 00
W. A. Wood & Co.,		
2 bbls. H. V. cylinder oil, 101 gals @ 43c		43 44
B. W. Kearney,		
Teaming 83 2-20 tons coal @ 50c		41 58
Boston & Maine R. R.,		
Freight on 68 11-20 tons coal @ 75c		51 83
New England Tel. & Tel. Co.,		
Telephone service		53 19
W. T. S. Bartlett,		
2 gals. asphaltum	3 00	
Rubber hose	2 50	
		5 50
Electrical Appliance Co.,		
Aqua Phone and postage		2 58
Butterfield Printing Co.,		
Ruling vouchers	1 25	
Notices	2 25	
Printing regulations	3 50	
		7 00
D. E. Turner,		
Labor and materials repairing standpipe roof		13 25
Page Woven Wire Fence Co.,		
Set of fencing tools		5 00
C. L. Burton,		
Sharpening tools		4 05
Albert P. Holt,		
Labor at pumping station		45 90
Amount carried forward		$2,445 71

Amount carried forward		$2,445 71
B. F. Smith & Brother,		
Labor on wells		16 80
E. Worthington,		
Report on driven well system		15 00
F. A. Morey,		
2 road picks		2 00
Perrin, Seamans & Co.,		
2 6-in. pulley blocks and manilla rope	2 83	
Freight and teaming on derrick returned	2 00	
		4 83
Billings, King & Co.,		
Paint for hydrants	5 10	
Walworth Manufacturing Co.,		
1 2-inch swinging joint	4 80	
Hooper, Lewis & Co.,		
Letter book	3 50	
P. J. Sexton,		
Making wrenches	2 25	
Municipal Engineering Co.,		
Year's subscription to "Municipal Engineering"	2 00	
Library Bureau,		
Meter cards and guides	14 25	
Thomas Lydon,		
Labor on service pipe connections	1 85	
		$33 75
		$2,518 09
Interest on bonds		$3,600 00
Total expenditures		$6,118 09
Total receipts		6,084 56
Deficit		$ 33 53

CONSTRUCTION ACCOUNT.

RECEIPTS.

Appropriated by Town (on account of Water Deficit)		$ 523 20
Service piping	$218 55	
Meters	330 15	
Repairing meters	2 30	
Stop and waste valve	1 25	$ 552 25
Total receipts		$1,075 45

EXPENDITURES.

Edward F. Carley,		
Cash paid sundry laborers on account of service piping	$ 134 60	
Freight	2 70	
Express	25	137 55
Sumner & Goodwin,		
Miscellaneous service pipe fittings		85 61
Boutwell Brothers,		
Cast steel for drills, 145 lbs. @ 8 1-2c		12 33
N. A. McMillen,		
Use of team on service piping work	28 35	
Carfares to and from Lowell	30	28 65
Talbot Mills,		
Derrick		13 18
Staples Brothers,		
Cement lined pipe, 2,902 ft., @ 8c		232 16
H. H. Wilder & Co.,		
Lead pipe, 46 lbs., @ 6 1-2c		2 99
Frost & McDermott,		
Repairing and making service pipe connections		7 75
Amount carried forward		$520 22

Amount brought forward		$520 22

METERS.

Various kinds	$ 550 00	
Edward F. Carley,		
Express and freight on meters	3 23	
Union Water Meter Co.,		
Repairing meter	2 00	
		555 23
Total expenditures		$1,075 45
Total receipts		1,075 45

CONSTRUCTION ACCOUNT—To March 1, 1903.

Cost of Works to March 1, 1902		$92,147 98
Expended March 1, 1902 to March 1, 1903.		
For service piping	$301 67	
For meters	221 53	
	523 20	
Less material on hand,		
Service piping 194 55		
Meters 83 20		
	277 75	
Net cost for year		245 45
Total cost of Works, March 1, 1903		$92,393 43

Respectfully submitted,

FREDERIC S. CLARK,
J. NELSON PARKER,
CHARLES H. KOHLRAUSCH, JR.
Water Commissioners.

SUMMARY OF STATISTICS FOR THE YEAR ENDING FEB. 28, 1903.

(In form recommended by the New England Water Works Association.)

Population by census of 1900: 2780.
Date of construction: 1898.
By whom owned: Town.
Source of supply: Driven wells.
Mode of supply: Pumping to standpipe.

PUMPING.

1. Builders of pumping machinery: Barr Pumping Engine Co.

2. Description of fuel used.

a. Kind: Bituminous.

b. Brand of coal: George's Creek.

c. Average price of coal per gross ton, delivered: $6.23

3. Coal consumed for the year: 258,485 lbs. For pumping only: 181,433 lbs.

6. Total pumpage for the year: 27,387,601 gallons without allowance for slip.

7. Average static head against which pumps work: 275 feet.

8. Average dynamic head against which pumps work: 315 1-2 feet.

9. Number of gallons pumped per pound of coal: 106.

10. Duty figured on total coal consumed: 27,858,038.

Duty figured on coal consumed for pumping: 39,688,948.

Cost of pumping, figured on pumping station expenses, viz: $1,753.34.

11. Per million gallons pumped: $64.01.

12. Per million gallons raised one foot (dyamic): $0.20.

CONSUMPTION.

1. Estimated total population at date: 2850.
2. Estimated population on lines of pipe: 1850.
3. Estimated population supplied: 1400.
4. Total consumption for the year: 27,387,601 gallons.
7. Average daily consumption: 75,034 gallons.
9. Gallons per day to each consumer: 53.
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC), $91.94.
12. Total cost of supplying water, per million gallons, figured on total maintenance and interest on bonds, $223.38

FINANCIAL STATISTICS.

RECEIPTS.

From water rates:—				
A.	Fixture rates	$1,358 52		
B.	Meter rates	1,770 41		
C.	Total from consumers		$3,128 93	
D.	For hydrants	2,300 00		
G.	For public buildings	159 92		
J.	Total from municipal depts.		2,459 92	
K.	From tax levy		2,833 53	
M.	From other sources:			
	Hay		10 00	
	Interest		8 91	
N.	Total		$8,441 29	

EXPENDITURES.

Water Works Maintenance.			
AA.	Operation(management and repairs)	$2,518 09	
CC.	Total maintenance	$2,518 09	
DD.	Interest on bonds	3,600 00	
	(CC+DD)		$6,118 09
FF.	Sinking fund		1,800 00

FINANCIAL—Construction.

EXPENDITURES.

HH.	Extension of services	$ 301 67	
II.	Extension of meters	221 53	
KK.	Total construction		523 20
N.	Total		$8,441 29
O.	Net cost of works to date		$92,393 43
P.	Bonded debt at date		90,000 00
Q.	Value of sinking fund at date		7,123 82
R.	Average rate of interest, 5 per cent.		

DISTRIBUTION.

MAINS.

1. Kind of pipe: Cast iron.
2. Sizes: From 6 inch to 12 inch.
5. Total now in use: 9.7 miles.
6. Cost of repairs per mile: $1.54.
7. Number of leaks per mile: 6.
10. Number of hydrants (public and private) now in use: 101.
12. Number of stop gates now in use: 84.
14. Number of blow-off gates: 4.
15. Range of pressure on mains: 54 lbs. to 120 lbs.

SERVICES.

16. Kind of pipe: Wrought iron, cement-lined.
17. Sizes: 1″, 1 1-2″.
18. Extended: 871 feet.

Service pipe put in during year within street lines: 354 feet.

Average per service put in during year within street lines: 25 feet.

Total now in within street lines: 7,770.7 feet.

Average per service within street lines: 32.5 feet.

20. Total now in use: 3.1 miles, 16,302 feet.
21. Number of service taps added during year: 14.
22. Number now in use: 239.
23. Average length of service: 68.21 feet.
25. Number of meters added: 40.
26. Number now in use: 123.
27. Percentage of services metered: 51.
28. Percentage of receipts from metered water: 56.5 per cent.

Number of leaks: 11.

COMMONWEALTH OF MASSACHUSETTS.

STATE BOARD OF HEALTH.

WATER ANALYSIS.—Parts in 100,000.

DATE OF		APPEARANCE.			ODOR.		RESIDUE ON EVAPORATION			AMMONIA.				Chlorine.	NITROGEN AS		Oxygen Consumed.	Hardness.	Iron.
											Albuminoid.								
Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Free.	Total.	In Solution.	In Suspension.		Nitrates.	Nitrites.			
1902.																			
April 17,	17	None	None	.07	None	None	7.20	.....	.....	.0006	.0050	.....	.....	.28	.0100	.0000	.03	2.6	.0400
June 9,	10	V. Slight	Slight	.12	None	None	6.20	.....	.....	.0010	.0036	.....	.....	.25	.0080	.0000	.11	2.2	.0120
Aug. 11,	12	V. Slight	Slight	.05	None	None	6.80	.....	.....	.0010	.0018	.....	.....	.26	.0050	.0000	.10	2.0	.0230
Oct. 7,	9	V. Slight	Slig't Iron	.10	None	None	9.50	.....	.....	.0010	.0022	.....	.....	.26	.0100	.0000	.07	2.3	.1320
Dec. 11,	15	V. Slight	V. Slight	.11	None	None	7.00	.....	.....	.0010	.0044	.....	.....	.26	.0090	.0000	.14	2.2	.0300
1903.																			
Jan. 29,	30	Slight	Slight	.22	None	None	7.70	.....	.....	.0006	.0026	.....	.....	.26	.0050	.0000	.11	2.3	.0270
Feb. 9,	10	V. Slight	Slight	.04	None	None	6.60	.....	.....	.0012	.0024	.....	.....	.26	.0070	.0000	.11	2.1	.0230

PUMPING STATION RECORD—Year Ending February 28, 1903.

MONTHS.	Days Pump in Operation.	Time Pump in Operation. H. M.	Average Per Day. H. M.	Gallons Pumped.	Average Per Day.	Daily Consumption. Gallons.	POUNDS OF COAL USED. For Pumping.	For Fire Protection.	TOTAL.
1902—March	24	63 55	2 39	2,011,390	83,807	64,883	13,890	6,021	19,911
April	21	70 35	3 21	2,059,012	98,076	68,653	14,525	5,111	19,636
May	26	102 40	3 57	2,732,241	105,086	88,137	17,302	6,753	24,055
June	23	74 00	3 13	2,575,242	111,967	85,841	16,144	5,770	21,914
July	27	68 45	2 33	2,472,565	91,576	79,760	15,795	6,889	22,684
August	27	71 00	2 38	2,311,876	85,625	74,577	13,788	6,831	20,619
September	24	78 35	3 16	2,206,122	91,921	73,537	15,310	6,114	21,424
October	23	74 45	3 15	1,974,096	85,830	63,680	14,227	5,667	19,894
November	22	76 25	3 28	2,200,252	100,011	73,342	15,091	6,071	21,162
December	30	65 10	2 10	2,186,453	72,882	70,530	15,362	7,839	23,201
1903—January	30	73 35	2 27	2,475,863	82,529	79,866	16,181	6,740	22,921
February	28	62 30	2 14	2,181,889	77,924	77,924	13,818	7,246	21,064
Totals	305	879 55	36 11	27,387,601	1,087,234	900,730	181,433	77,052	258,485
Monthly Average	25	74 59	3 1	2,282,300	90,603	75,061	15,120	6,421	21,540

Highway Report.

Following is a report of work done the past year :—

Near the Shawsheen bridge, graveled 1,440 ft. long, 16 ft. wide, 6 in. deep	$259 10
Rocky Hill graveled 200 ft. long, 8 ft. wide, 6 in. deep,	20 75
Scraping ruts and raking out stone	294 00
Patching in all localities	42 50
Laying over and lengthening culvert near Chas. Wright's	18 75
Cleaning gutters at Centre	16 25
Laying over culvert near Chas. Lyons's	13 50
Cleaning gutters at North	18 00
Repairing culvert in Billerica Avenue	6 50
Work on Shawsheen Bridge	13 00
Boston Road, near Burlington line, graveled 200 ft. long, 16 ft. wide, 5 in. deep	23 50
Wm. Crosby's hill graveled 180 ft. long, 20 ft. wide, 8 in. deep	16 25
Patching at the Centre	34 50
Bedford Street, graveled 160 ft. long, 12 ft. wide, 4 in. thick	17 25
Patching culvert near Carlisle line	3 00
Allen Street, graveled 120 ft. long, 11 ft. wide, 8 in. deep	16 25
Repairing culvert near Walter Morris'	10 25
Boston Road, near Tuft's Lane, graveled 480 ft. long, 15 ft. wide, 4 in. deep	90 25
Cleaning out pit and making road	36 00
Patching track at Centre	5 25
Repairing culvert in East Billerica	3 50
Near E. B. Haskel's, graveled 160 ft. long, 15 ft. wide, 7 in. deep	18 75
Blasting stone, widening road and making gutter near D. L. Mason's	32 50

Near D. L. Mason's, graveled 650 ft. long, 18 ft. wide, 6 in. deep	113 50
Cleaning streets at Centre	16 25
Boston Road, near Sprague's Bridge, graveled 600 ft. long, 18 ft. wide, 8 in. deep	138 75
Skunk Hill, graveled 260 ft. long, 15 ft. wide, 4 in. deep	48 50
Patching railing	1 50
Blasting stone in South Billerica	3 75
Laying over and enlarging culvert and digging ditch near Geo. Harnden's	37 75
Laying over and enlarging culvert on Nashua Road	18 00
Graveling near Alexander Bros.'	15 50
Raking stone in all localities	80 25
Cleaning street of mud near Faulkner Corporation	19 75
Elm Street graveled 150 ft. long, 18 ft. wide, 4 in. thick	20 25
Boston Road, near corner of Chelmsford Road, scraping and teaming sods	21 00
Boston Road, near corner of Chelmsford Road, graveled 650 ft. long, 18 ft. wide, 6 in. deep	80 25
Near D. Callahan's, Boston Road, graveled 820 ft. long, 16 ft. wide, 5 in. deep	103 75
Boston Road, near D. Callahan's, scraping and teaming sods	21 00
Near Corner Bridge, graveled 350 ft. long, 18 ft. wide, 6 in. deep	51 50
Railroad Street, graveled 240 ft. long, 14 ft. wide, 5 in. deep	40 15
Filling sides near Shawsheen Bridge	19 75
Near Pinehurst, graveled 250 ft. long, 12 ft. wide, 4 in. deep	20 25
Filling sides on Cook Street	19 75
Graveling on Mt. Pleasant and High Streets, 2100 ft. long, 15 ft. wide, 5 in. thick	315 35
Laying over and enlarging culvert on Nashua Road	32 00
Cleaning streets at North	16 25
Allen Road, graveled 350 ft. long, 10 ft. wide, 5 in. deep	36 50

Cleaning gutters on Rocky Hill	16 25
Making gutters on Alexander Road	18 00
Making gutters River Street, near Treble Cove Road,	16 25
Scraping on Treble Cove Road	18 00
River Street, near Newhall Place, graveled 650 ft. long, 9 ft. wide, 4 in. deep	57 00
Laying over culvert on River Street	17 00
Raking stone at Centre	10 50
Raking stone at North	7 25
Allen Street, graveled 190 ft. long, 10 ft. wide, 5 in. deep	19 25
Patching Lowell Street	19 25
Repairing culvert and digging ditch on Treble Cove Road	8 00
Elm Street, graveled 390 ft. long, 15 ft. wide, 4 in. deep	55 75
Cleaning under railroad bridge and graveling	22 50
Boston Road on Barrett's Flats, graveled 1100 ft. long, 12 ft. wide, 5 in. deep	195 25
Call Street, graveled 450 ft. long, 9 ft. wide, 7 in. deep	58 75
Salem Road, graveled 560 ft. long, 9 ft. wide, 5 in. deep	45 75
Cleaning stone out of pits	27 00
Patching in West Billerica	28 25
Filling on the sides of Boston Road	48 25
Boston Road, between Leonard Blood's and M. McEllioght's, graveled 2,000 ft. long, 16 ft. wide, 6 in. deep	360 50
Filling on sides of Treble Cove Road	20 75
Grading and constructing a two course macadam road in Tuft's Lane, stone furnished by Mr. Jones	279 50
Near Winnings Pond, graveled 400 ft. long, 12 ft. wide, 6 in. deep	38 50
Lexington Road, near Chas. Moor's, graveled 240 ft. long, 12 ft. wide, 5 in. deep	29 90
Lexington Road, near Nutting's Pond, graveled 1300 ft. long, 12 ft. wide, 6 in. deep	201 50
Near W. J. Essex, graveled 200 ft. long, 12 ft. wide, 6 in. deep	18 25

Filling sides of Gilson Hill road	38 50
Repairing guard rails	12 25
Constructing guard rail in Churnstaff lane	9 16
Filling sides of Rangeway Road	38 50
Work on Maple Street	87 00
Cutting Brush	195 00
Work on R. R. Crossings	160 00
Scraping	54 50
Filling sides of Chelmsford Road	38 50
Work on Bridges	20 50
Grading near Pinehurst	39 50
Graveling Preston Street	25 25
Repairing and sanding sidewalks	112 25
Work of teams on Macadam Roads	380 00
Outside snow bills	96 00
Work on snow of town help	168 00
Etimated value of gravel	105 00
Estimated value of lumber	38 00

MACADAM ROAD.

Grading	$774 85
Constructing 2000 ft. long, 18 ft. wide, 6 in. deep at center and 3 in. deep at sides	2,393 67
Supplies and labor of catchbasins and culverts	318 85
Crushing and piling stone	275 50

No part of the work completed.

BRIDGES.

Constructing a new bridge at the Shawsheen near Pinehurst	199 66
New planking one of the bridges at North Billerica	124 22
Repairs on Fordway bridge	66 11
New planking the Corner bridge	155 28
Repairs on the Login Brown bridge, Shawsheen River	46 50

EDW. SPAULDING,
Highway Surveyor.

APPRAISAL OF TOWN PROPERTY AT TOWN BARN.

Four horses	$400 00
Three carts	275 00
Three sleds	70 00
One roadscraper	50 00
One scoopscraper	6 00
Five harnesses	50 00
Stone Crushing Plant	2,000 00
Two derricks and appliances	75 00
Hay and grain	65 00
Blankets and baskets	26 00
Drag and whiffletrees	7 00
Wrenches and chains	9 00
One plow	18 00
Four hundred feet hose	60 00
Drain pipe	55 00
Lumber	38 00
Sand screen	3 00
Wire cable and ropes	12 00
Small tools	45 00
	$3,264 00

HIGHWAY EXPENDITURES.

April	1	H. W. Essex, breaking roads	$29 40
		F. A. Morey, supplies	2 20
		John E. Farmer, breaking roads	1 60
		F. A. Morey, supplies	23 01
		E. E. Cole	35 50
		B. W. Kearney, breaking roads	4 80
		Edward Spaulding, superintendent	50 00
		W. M. Batchelder, teamster	44 29
		C. E. Morris, teamster	44 29
		John Stahle, 17 days labor	29 75
		John Newhall, 15 days labor	26 25

April	1.	M. McEllioght, 17 days labor	29 75
		Hugh Sherry, 17 days labor	29 75
		M. V. Dickey, use of horse 3 1-2 days	4 38
		Edward Spaulding, expense	8 50
		M. V. Dickey, 17 days labor	29 75
		Jas. McDermott, repairs	1 59
		E. B. Haskell, hay	11 55
May	1	Chas. C. Johnson, supplies	1 75
		Dan'l Lane, labor	10 00
		C. B. Coburn, lantern globes	88
		E. E. Cole, grain	17 00
		John Farmer, team and labor	4 00
		Edward Spaulding, superintendent	50 00
		W. M. Batchelder, teamster	42 86
		C. E. Morris, teamster	42 86
		John Stahle, 15 days labor	26 25
		John Newell, 20 days labor	35 00
		M. McEllioght, 15 days labor	26 25
		M. V. Dickey, 18 1-2 days labor	32 38
		Hugh Sherry, 20 1-2 days labor	35 88
		J. H. Jennings, 6 days labor	15 00
		M. V. Dickey, use of horse 6 days	7 50
		Edward Spaulding, expense	11 50
		A. H. Jones, hay	42 05
	15	T. Frank Lyons, stamp and pad	1 50
		Massachusetts Broken Stone Co., Stone	21 14
		Lewis T. Palmer, supplies	22 50
June	5	W. H. Fuller, services, man and horse	9 40
		Courier-Citizen Co., printing	3 00
		Am. Express Co., express	1 35
		E. E. Cole, coal	11 11
		E. E. Cole, grain	18 50
		T. G. Messer, teaming stone	16 00
		Chas. C. Johnson, supplies	65
		Thos. Spaulding, 3,550 hay	35 50
		Walter E. Morris, breaking roads	8 80

June	5.	Boston & Maine R. R., freight	6 74
		C. L. Burton, shoeing and repairs	23 78
		Edward Spaulding, superintendent	50 00
		W. M. Batchelder, teamster	44 29
		C. E. Morris, teamster	44 29
		John Stahle, 22 1-2 days labor	39 38
		John Newell, 23 days labor	40 25
		Hugh Sherry, 15 1-2 days labor	27 13
		M. V. Dickey, 20 1-2 days labor	35 88
		M. V. Dickey, use of horse 2 days	2 50
		Edward Spaulding, expense	12 50
		Mary Stevens, 43 loads gravel	2 15
		Wm. Essex, man and team 4 3-4 days	19 00
		Frank Harrington, 3-4 days man and team	5 50
	19	S. C. Shirley, labor	25
		P. G. Darkham, labor	50
		H. W. Essex, gravel	60 00
		F. A. Morey, supplies	53 83
		Thompson Hardware Co., blasting caps	1 25
		Town of Billerica (Water Dept.) Town Barn	6 50
July	2	Thos. Spaulding, hay	17 85
		Edward Spaulding, superintendent	50 00
		C. E. Morris, teamster	42 86
		John Newell, teamster	34 19
		John Stahle, 22 days labor	38 50
		M. V. Dickey, 22 3-4 days labor	39 70
		Hugh Coulter, 16 days labor	28 00
		Edward Spaulding, expense	11 00
		E. E. Cole, grain	17 00
		Good Roads Machinery Co., supplies	6 05
		H. W. Essex, 3 3-4 days labor and team	15 00
	17	F. A. Morey, supplies	18 05
		Olin L. Fuller, repairs	6 83
Aug.	7	E. A. King, 38 ft. lumber	84

Aug.	7.	Chas. C. Johnson, repairs	4 65
		E. E. Cole, hay and grain	38 53
		C. B. Coburn & Co., supplies	30
		Edward Spaulding, superintendent	50 00
		C. E. Morris, teamster	44 29
		John Newell, teamster	44 29
		John Stahle, 22 days labor	38 50
		M. V. Dickey, 22 days labor	38 50
		Hugh Coulter, 6 days labor	10 50
		John Lyons, 19 days labor	33 25
		A. Wheeler, 10 1-2 days labor	18 38
		M. McEllioght, 6 days labor	10 50
		W. B. Bohonnan, 9 days labor	15 75
		M. V. Dickey, 5 days use of horse	6 25
		Edward Spaulding, expense	11 35
	7	Holden Bros., spikes	15
		Holden Bros., supplies	2 31
	21	F. A. Morey, supplies	37 83
		Wm. Batchelder, labor	30 00
		J. H. Jennings, engineer	49 75
Sept.	4	Edward Spaulding, superintendent	50 00
		C. E. Morris, teamster	44 29
		John Newell, teamster	44 29
		John Stahle, 23 days labor	40 25
		M. V. Dickey, 23 days labor	40 25
		Hugh Coulter, 13 1-2 days labor	23 68
		John Lyons, 21 days labor	36 75
		A. Wheeler, 20 1-2 days labor	35 88
		M. McEllioght, 16 1-2 days labor	28 88
		W. B. Bohonnan, 13 1-2 days labor	23 63
		W. G. Stewart, 4 days labor	7 00
		Edward Spaulding, expense	11 50
		T. Spaulding, use of team 4 days	12 00
		M. V. Dickey, use of team 14 days	17 50
		C. E. Morris, 2,700 hay	22 95
		E. H. Barker, printing	1 00

Sept.	4.	Jas. Woodard, wagon jack	5 50
		T. G. Messer, teaming	46 00
		E. E. Cole, grain	24 53
		Chas. C. Johnson, repairs	10 20
		F. A. Morey, supplies	26 06
		D. L. Mason, 4,550 hay	45 50
		Nelson Smith, repairs	6 10
		P. J.Sexton, repairs	2 11
		W. W. Carey, supplies and labor	1 33
Oct.	2	F. C. Smith, 50 ft. gravel	50 00
		E. E. Cole, grain and hay	30 98
		Bartlett & Dow, hammer	56
		C. L. Burton, repairs	13 87
		A. H. Cluer, pad and team collar	6 50
		Nelson Smith, repairing and shoeing	6 73
		Chas. C. Johnson, supplies	10 40
		Edward Spaulding, superintendent	30 00
		C. E. Morris, teamster	42 86
		John Newell, teamster	42 86
		John Stahle, 13 1-2 days labor	23 63
		M. V. Dickey, 11 1-2 days labor	20 13
		John Lyons, 3 days labor	5 25
		A. E. Wheeler, 12 1-2 days labor	21 88
		W. B. Bohonnan, 4 days labor	7 00
		M. McEllioght, 5 days labor	7 00
		W. G. Stewart, 12 days labor	21 00
		O. E. Bohonnan, 8 1-2 days labor	14 88
		John Farmer, 1 days' labor	1 75
		Geo. Miller, 8 days labor	14 00
		Geo. Austin, 11 days labor	19 25
		T. Moore, 12 days labor	21 00
		T. Spaulding, use of team 12 days	36 00
		Jackson Wright, labor	1 50
		Jackson Wright, labor	1 90
		Boston Cash Grocery, supplies	9 21
		F. A. Morey, supplies	25 17

Nov.	6	T. G. Messer, teaming gravel	24 00
		Alexander Bros., breaking roads	15 00
		Bartlett & Dow, supplies	3 59
		Wm. Essex, teaming	4 00
		J. E. Bull, hose	24 85
		Nelson Smith, shoeing	1 40
		Edward Spaulding, superintendent	32 00
		C. E. Morris, teamster	44 29
		John Newell, teamster	44 29
		John Stahle, 17 days' labor	29 75
		M. V. Dickey, 13 days' labor	22 75
		A. E. Wheeler, 14 days' labor	24 50
		John Randle, 5 days' labor	8 75
		O. E. Bohonnan, 8 days' labor	14 00
		T. Pasho, 10 days' labor	17 50
		John Lyons, 7 days' labor	12 75
		Hugh Coulter, 3 days' labor	5 25
		W. B. Bohonnan, 1 day's labor	1 75
		F. Howarth, 3 days' labor	5 25
		W. G. Stewart, 2 days' labor	3 50
		J. Rollins, 1 day's labor	1 75
		Edward Spaulding, expense	12 00
		Geo. Miller, 1 day's labor	1 75
		G. E. Spaulding, 6 days, team, double	24 00
		H. D. Livingstone, 6 days, team, double	24 00
		T. Spaulding, 3 days, team, single	9 00
		F. A. Morey, supplies	6 45
	20	F. H. Parker, supplies	7 05
Dec.	4	E. E. Cole, hay and grain	59 85
		Burnham & Davis, lumber	28 25
		Chas. C. Johnson, supplies	1 70
		Nelson Smith, supplies	6 15
		John H. Foster, 1080 hay	9 18
		C. E. Morris, teamster	46 36
		John Newell, teamster	48 11
		John Stahle, 1 day's labor	1 75

Dec.	4.	M. V. Dickey, 1 day's labor	1 75
		A. E. Wheeler, 1 day's labor	1 75
		T. Pasho, 1 day's labor	1 75
		John Lyons, 1 day's labor	1 75
		C. H. Frost, 5 days' labor with team	20 00
		Bartlett & Dow, supplies	1 30
		F. A. Morey Estate, supplies	19 53
	18	W. C. Watson, 3 days' labor	5 25
		Boston Cash Grocery, supplies	1 52
		T. G. Messer, teaming gravel	4 00

1903

Jan.	1	Dr. W. A. Sherman, services	1 00
		F. & J. Jaquith, 4720 hay	47 20
		Edgar Twombly, 15 days' labor with team	60 00
		Burnham & Davis, lumber	28 25
		W. A. Stearns, supplies	1 70
		F. A. Morey Estate, supplies	12 84
		E. E. Cole, hay and grain	27 82
		C. L. Burton	1 33
		C. L. Burton, shoeing	6 78
		Nelson Smith, repairs and shoeing	10 03
		J. E. Bull, supplies	8 26
		W. H. Sexton, repairs and shoeing	21 43
		Walter Fuller, 2 1-2 days' labor	4 38
		H. D. Livingstone, 2 1-2 days' labor with team	10 00
		Edward Spaulding, superintendent	30 00
		C. E. Morris, teamster	44 29
		John Newell, teamster	44 29
		John Stahle, 11 days' labor	19 25
		Hugh Coulter, 4 days' labor	7 00
		John Lyons, 14 days' labor	24 50
		A. E. Wheeler, 14 1-2 days' labor	25 38
		O. E. Bohonnan, 4 days' labor	7 00
		C. E. Monty, 13 1-2 days' labor	23 63

Jan.	1	M. McEllioght, 2 days' labor	3 50
		J. Rollins, 2 days' labor	3 50
		Edward Spaulding, expense	6 50
		F. C. Smith, 2 days' labor with team	8 00
	15	Town of Billerica (Water Dept.), water for stable	5 50
		Chas. C. Johnson, supplies	96
		Jas. Bradley, 7730 hay	77 80
Feb.	5	F. A. Morey Estate, supplies	6 24
		M. A. & T. F. McEllioght, material and labor on guide boards	2 25
		Alexander Bros., 2 days' labor 2 men and team	15 80
		W. A. Stearns, supplies	57
		Nelson Smith, shoeing and supplies	7 35
		E. E. Cole, grain	32 30
		T. G. Messer, teaming gravel	12 00
		F. C. Smith, 15 1-4 days' labor with team,	61 00
		F. C. Smith, 50 ft. gravel	50 00
		Edward Spaulding, superintendent	50 00
		C. E. Morris, teamster	44 29
		John Newell, teamster	44 29
		John Stahle, 21 1-2 days' labor	37 63
		John Lyons, 22 days' labor	38 50
		Hugh Coulter, 3 days' labor	5 25
		E. A. Wheeler, 22 1-2 days' labor	39 38
		O. E. Bohonnan, 19 1-2 days' labor	34 12
		C. E. Monty, 16 days' labor	28 00
		M. McEllioght, 1 day's labor	1 75
		Edward Spaulding, expense	11 00
		W. J. Essex, 5 1-4 days' labor with team,	21 00
	19	Olin L. Fuller, repairing and supplies	9 35
		A. H. Cluer, 4 street blankets	23 00
		E. F. Dickinson, 4 chestnut trees	3 00
		I. Hopkinson, breaking roads	10 50
		Stephen Poland, breaking roads	3 50

Feb.	28	W. J. Essex, 5 days' labor with team	20 00
		W. J. Essex, breaking roads	17 00
		G. E. Spaulding, breaking roads	14 00
		W. A. Stearns, supplies	10 07
		E. E. Cole, grain	18 00
		F. A. Morey Estate, supplies	11 57
		Edward Spaulding, superintendent	50 00
		C. E. Morris, teamster	40 00
		John Newell, teamster	40 00
		John Stahle, 17 days' labor	29 75
		A. E. Wheeler, 17 days' labor	29 75
		John Lyons, 15 days' labor	26 25
		O. E. Bohonnan, 17 days' labor	29 75
		Edward Spaulding, expense	8 50
		C. L. Burton, shoeing and repairs	13 90
		F. H. Parker, supplies	2 67
		Warren Shedd, breaking roads	14 55
		Total expenditures	$5,612 95

MACADAM EXPENDITURES.

		Appropriation	$2,500 00
	1902		
May	1	Chas. A. Claflin & Co., supplies	2 00
		E. E. Cole, coal	11 04
		T. G. Messer, teaming	16 00
		H. R. Barker Mfg. Co., fittings	2 86
		Chas. A. Claflin & Co., supplies	29 08
		John Stahle, 6 days labor	10 50
		John Newell, 3 1-2 days labor	6 13
		M. McEllioght, 6 days labor	10 50
		Hugh Sherry, 3 days labor	5 25
		M. V. Dickey, 3 days labor	5 25
		J. H. Jennings, 6 days labor, engineer	15 00

June	5	Frost & McDermott, repairs	4 86
		Henry F. Whiting, repairs	60
		J. F. Freeman, repairs	5 27
		H. R. Barker Mfg. Co., supplies	90
		John Stahle, 2 1-2 days labor	4 37
		John Newell, 2 days labor	3 50
		Hugh Sherry, 2 1-2 days labor	4 37
		M. V. Dickey, 2 1-2 days labor	4 37
		John Farmer, 3 days with team	12 00
Aug.	7	Boston & Maine R. R., freight on steam roller	33 60
	21	Chas. A. Claflin & Co., supplies	2 50
Sept.	4	Middlesex Machine Co., supplies	3 27
		Henry F. Whiting, supplies	5 04
		C. H. Frost, 3 days labor engineer	7 50
Oct.	2	Edward Spaulding, superintendent	20 00
		John Stahle, 7 1-2 days labor	13 13
		M. V. Dickey, 7 1-2 days labor	13 13
		Hugh Coulter, 3 days labor	5 25
		A. E. Wheeler, 7 1-2 days labor	13 13
		W. B. Bohonnan, 2 days labor	3 50
		O. E. Bohonnan, 7 1-2 days labor	13 13
		Geo. Austin, 3 days labor	5 25
		John Randle, 6 days labor	10 50
		H. D. Livingstone, 2 days labor with team	8 00
		T. G. Messer, teaming	16 00
		E. E. Cole, coal	10 59
		C. H. Frost, labor with team	44 50
	16	L. F. Salla, board for 2 men	5 60
		Am Express Co., express	40
		Boston & Maine R. R., freight	2 67
Nov.	6	Hartford Boiler Ins. Co., insuring boiler	50 00
		T. G. Messer, 3 days teaming, double	12 00
		Thomas Lydon, repairs and supplies	36 11
		Scannell & Wholley, labor and repairs on boiler	94 30

Nov.	6.	Edward Spaulding, superintendent	18 00
		John Stahle, 7 days labor	12 25
		M. V. Dickey, 9 days labor	17 50
		O. E. Wheeler, 8 days labor	14 00
		John Randle, 12 days labor	21 00
		O. E. Bohonnan, 13 days labor	23 75
		T. Pasho, 9 days labor	15 75
		John Lyons, 11 days labor	19 25
		Hugh Coulter, 6 days labor	10 75
		W. B. Bohonnan, 17 days labor	29 75
		G. E. Spaulding, 6 days with team	24 00
	20	Middlesex Machine Co., safety plug	50
		D. I. Washburn, engineer	23 75
Dec.	4	C. B. Coburn & Co., waste	1 00
		Henry F. Whiting, leather lace	79
		E. E. Cole, coal	104 63
		W. A. Stearns, supplies	3 46
		Henry F. Whiting, leather lace	1 20
		F. H. Spaulding, repairs	4 90
		Waldo Bros., pipe	164 48
		C. H. Frost, engineer	35 00
		C. H. Frost, engineer	10 00
		Scannell & Wholley, repairs on roller	6 00
		Edward Spaulding, superintendent	50 00
		John Stahle, 24 1-4 days labor	42 44
		M. V. Dickey, 23 days labor	40 25
		Hugh Coulter, 25 1-4 days labor	44 19
		A. E. Wheeler, 26 3-4 days labor	46 81
		John Lyons, 26 days labor	45 50
		O. E. Bohonnan, 29 days labor	50 75
		John Randle, 24 1-2 days labor	42 88
		W. B. Bohonnan, 24 days labor	42 00
		T. Pasho, 24 days labor	42 00
		C. H. Monty, 24 1-2 days labor	42 88
		O. M. Dow, 25 days engineer	75 00
		M. McEllioght, 22 days labor	38 00

Dec.	4.	A. Benson, 20 1-4 days labor	35 44
		T. Fayton, 16 days labor	28 00
		W. C. Watson, 16 days labor	28 00
		C. W. Parker, 17 days labor	29 75
		F. Howarth, 17 1-4 days labor	30 19
		H. A. Chandler, 15 3-4 days labor	27 56
		W. H. Fuller, 16 days labor	28 00
		P. McCarthy, 15 1-2 days labor	27 13
		J. Rollins, 14 days labor	24 50
		Edward Spaulding, expense	12 00
		T. G. Messer, 33 1-2 days double	134 00
		G. E. Spaulding, 22 1-2 days double	90 00
		John Farmer, 6 3-4 days double	27 00
		W. J. Essex, 20 days double	80 00
		H. D. Livingstone, 19 days double	76 00
		F. Smith, 10 hours double	4 45
		J. M. Bailey, 18 3-4 days double	75 00
		M. Moore, 16 1-2 days double	66 00
		J. Finnegan, 16 1-3 days double	65 33
		W. Sutcliffe, 9 3-4 days double	39 00
		D. Callahan, 10 3-4 days double	43 00
		J. H. Taylor, 4 1-2 days double	18 00
		Am. Express, express	35
		Boston & Maine R. R., freight	1 64
		Boston & Maine R. R., freight on roller	45 29
		F. A. Morey Estate, supplies	43 99
	18	M. McElliogh, 3 days labor	5 25
		A. Benson, 2 days labor	2 50
		J. Rollins, 4 days labor	7 00
		F. Howarth, 3 days labor	5 25
		H. A. Chandler, 3 1-2 days labor	6 13
		W. H. Fuller, 3 days labor	5 25
		T. Fayton, 1 days labor	1 75
		P. McCarthy, 3 days labor	5 25
		Wm. Phair, 3 days labor	5 25
		M. V. Dickey, 2 days labor	3 50

Dec	4.	J. E. Farmer, 3 days with team	12 00
		C. B. Coburn & Co., supplies	3 25
		O. M. Dow, 4 1-2 days, engineer	13 50
1903			
Jan.	1	Chas. A. Claflin, 10 galls. crusher oil	4 75
		Goods Roads Machinery Co., supplies	11 60
		D. Callahan, 3 days, with team	12 00
		W. Sutcliffe, 3 days, with team	12 00
		J. Bailey, 1 1-2 days, with team	6 00
		John Finnegan, 3 days, with team	12 00
		T. G. Messer, 6 1-2 days, with team	26 00
		Barbour, Stockwell & Co., frames and grates	27 00
		E. E. Cole, coal	35 91
		Scannell & Wholley, repairs on roller	5 30
		W. H. Fuller, use of horse	1 20
		Edward Spaulding, superintendent	20 00
		John Stahle, 5 1-2 days' labor	9 63
		Hugh Coulter, 17 1-2 days' labor	30 63
		A. E. Wheeler, 6 days' labor	10 50
		John Lyons, 6 days' labor	10 50
		O. E. Bohonnan, 16 1-2 days' labor	28 88
		H. A. Chandler, 2 days' labor	3 50
		C. A. Monty, 6 days' labor	10 50
		Edward Spaulding, expense	5 00
		John Randle, 3 days' labor	5 25
		W. J. Essex, 3 days, with team	12 00
		Merriam Moore, 2 1-2 days, with team	9 00
		G. E. Spaulding, 1 1-4 days, with team	5 00
		C. L. Burton, repairs and supplies	28 88
	15	C. H. Frost, 104 loads filling	6 24
		C. H. Frost, 4 1-2 days, engineer	11 25
		Geo. H. Hall, 3 1-2 days, stone mason	10 50
		C. B. Frost, 558 loads gravel	33 48
		Boston & Maine R. R., freight	10 60
Feb.	5	Connors Bros., use of water cart	21 50

Feb.	5.	Thomas Lydon, labor and supplies	3 31
	19	Lowell Coal Co., bricks and cement	35 85
		D. J. Folsom, teaming	3 00
	28	Highway Department, 95 days' labor	380 00
		Total expenditures	$3,762 87

BRIDGES.

		Appropriation	$600 00
	1902		
April	1	F. A. Morey, supplies	$2 85
May	15	Burnham & Davis, lumber	131 66
July	2	The Adams Hardware & Paint Co., spikes	2 60
		Horace B. Shattuck & Son, spikes	7 80
	17	Thomas Ellis, labor and pipe	4 46
		Lexington Lumber Co., lumber	75 62
Aug.	7	Pratt & Forrest, lumber	5 60
		Horace B. Shattuck & Son, spikes	2 60
		The Adams Hardware & Paint Co., spikes	2 60
		M. H. & T. F. McEllioght, repairs, supplies and labor	128 75
	21	Lexington Lumber Co., lumber and wire,	131 28
Oct.	2	M. H. & T. F. McEllioght, supplies and labor	63 80
Nov.	20	Geo. H. Barker, painting	11 65
	1903		
Feb.	28	Highway Department, work on bridges	20 50
		Total expenditures	$591 77

SIDEWALKS.

		Appropriation	$200 00
	1903		
Feb.	28	Highway Department, work on sidewalks,	$112 75

TALBOT AVENUE SPECIAL.

1902			
Appropriation			$500 00
Nov.	20	Talbot Mills, building sidewalk	$500 00

PRESTON STREET.

SPECIAL APPROPRIATION.

Appropriation			$100 00
1902			
Oct.	2	Hugh Coulter, 2 days labor	3 50
		John Lyons, 2 days labor	3 50
		John Farmer, labor with team	10 00
		W. B. Bohonnan, 2 days labor	3 50
		T. Pasho, labor	2 63
		H. D. Livingstone, 1 day with team	4 00
Nov.	8	A. E. Wheeler, 1 day's labor	1 75
		O. E. Bohonnan, 1 day's labor	1 75
		T. Pasho, 4 days labor	7 00
		John Lyons, 2 days labor	3 50
		Hugh Coulter, 2 days labor	3 50
		W. B. Bohonnan, 4 days labor	7 00
		John Farmer, labor with team	10 00
		H. D. Livingstone, labor with team	4 00
		G. E. Spaulding, labor with team	8 00
			$73 63

Location of Guide Boards.

Board at corner of Russell and Mount Pleasant streets, No. Billerica.

Board at corner of Tewksbury and Russell streets, No. Billerica.

Board at junction of Tewksbury and East Billerica road.

Board at junction of road in woods leading from East Billerica to Tewksbury.

Board at East Billerica, leading to Pattenville.

Board at Deacon King's, leading to Andover, and another board leading to Lowell.

Board at Mrs. Page's, leading to Wilmington, and one at Mr. Hopkinson's, leading to Wilmington and Silver Lake.

Board at junction of Salem and Andover streets, leading to Salem and Centre of Billerica; one at junction of Salem and Whipple streets, leading to Salem and Wilmington.

Board at corner of Andover and Whipple streets, leading to East Billerica station and Centre.

Board opposite Fox Hill Cemetery, leading to Centre, Wilmington and Woburn.

Board at Mr. Hall's, leading to Tewksbury, Andover and East Billerica.

Board at foot of hill near Cemetery Junction, leading to East Billerica, Tewksbury and Wilmington; one opposite Mr. E. Baker's, leading to Tewksbury and Wilmington.

Board at watering trough in Centre, leading to Boston, Lowell and all adjoining towns.

Board near John Kittredge's, leading to Salem and Wilmington.

Board opposite Mrs. J. Knowles', leading to Bedford, to Lexington and Arlington.

Board near D. L. Mason's, leading to Boston and Woburn; also one leading to Tewksbury almshouse.

Board near Shawsheen River, leading to Lowell and Tewksbury.

Board south of river, leading to Wilmington and Woburn.

Board at Dodge corner, leading to Lowell.

Board at Hill's Cemetery, leading to Bedford, Carlisle and Chelmsford.

Board at C. H. Hill's corner, leading to Bedford; also one at South Billerica depot, leading to Bedford and Billerica.

Board at Cook place, leading to Tewksbury and Wilmington.

Board corner Main and Lowell streets, leading to North Billerica Lowell and Centre.

Board at J. Conlon's, leading to Chelmsford.

Board at Cowdrey place, leading to Lowell, Chelmsford and Carlisle.

Board at Manning place, leading to West Billerica and Chelmsford.

Board near Wood's corner, leading to Boston, Concord and Lowell; one near Bailey place, leading to Billerica Centre and Lowell; one on Carlisle road, leading to Concord and Lowell.

Board corner Bridge, leading to West Billerica.

Board at Brown's corner, leading to Lowell and Boston.

Board at Preston's corner, one leading to Lowell.

Board corner Main and River streets, leading to Chelmsford, Carlisle and Concord.

Report of Fire Department.

INVENTORY OF PROPERTY OF ENGINE COMPANY NO. 1.

1 Silsby Steam Fire Engine fully equipped.
1 Supply Wagon.

15 short handled shovels	1 rake
17 long handled shovels	1 pitchfork
12 brooms	2 blankets

1 Hose Reel.
1 Hose Wagon.

2600 ft. hose	1 nozzle, 1 1-2 in.
(600 ft. worthless)	1 nozzle, 1 1-4 in.
(200 ft. damaged)	1 nozzle, 1 in.
2 straight hose pipes	2 nozzles, 7-8 in.
2 Calliahan flexible pipes	4 nozzles, 6-8 in.
1 fixed pipe holder	2 controlling nozzles, 1 1-8 in.
2 simiez	2 shut off nozzles
32 spanners	24 coats
4 hydrant wrenches	24 caps
10 hose straps	16 pairs boots
1 single swinging harness	12 belts
1 blanket	2 extinguishers

1 Ladder Truck.

1 45 ft. extension ladder	1 double swinging harness
1 22 ft. ladder	2 blankets
1 20 ft. ladder	1 tearing down hook
1 16 ft. ladder	2 bars
1 12 ft. roof ladder	2 axes
14 buckets	2 picks
3 hooks	

Inventory of Property of Hose Company No. 2.

Hose Wagon:

- 1500 ft. hose
- 3 nozzles
- 1 simiez
- 4 hydrant wrenches
- 18 spanners
- 7 hose straps
- 1 wrench
- 7 coats and hats
- 5 extra hats
- 4 pairs boots
- 1 blanket
- 1 cushion
- 2 lanterns

Hook and Ladder Truck:

- 2 40 ft. extension ladders
- 1 24 ft. upright ladder
- 1 24 ft. roof ladder
- 1 18 ft. upright ladder
- 1 14 ft. upright ladder
- 1 ladder hook
- 1 roof hook and rope
- 4 pairs boots
- 10 coats and hats
- 1 blanket
- 12 buckets
- 3 pails
- 2 extinguishers
- 6 lanterns
- 5 hooks (3 large, 2 small)
- 4 axes
- 2 bars
- 1 saw
- 1 wrench
- 16 shovels

Hero, No. 2.

- 500 ft. hose
- 4 lengths suction hose
- 4 buckets
- 100 ft. rope
- 10 ropes for hose
- 1 hose carriage
- 2 nozzles
- 1 12 ft. ladder
- 3 pc. rope
- 5 gal. oil can
- 23 chairs
- 12 old Babcock extinguishers, out of repair
- 1 pole
- 1 chain
- 1 saw
- 1 saw-horse
- 1 stove
- 9 lantern globes
- 1 dust pan
- 1 brush
- 1 mop
- 1 table
- 2 lamps

LIST OF FIRES THE PAST YEAR.

March 25. Alarm at 11.30 A.M., underbrush on land of Bottomly and O'Toole. Cause unknown. About 10 acres.

March 26. Alarm at 2.15 P. M., underbrush and grass, on land of Hobbs and Judkins. Cause unknown. About 5 acres. Damage $25.

April 24. Brush fire, at W. H. Mannings'. Cause unknown. Alarm 11 A. M.

May 11. Alarm at 12 M., underbrush on land of F. W. Crosby. Cause unknown. About 20 acres. Damage $25.

May 12. Brush fire at George Colson's. Cause unknown. Alarm 2 P. M.

May 14. Brush fire at Talbot's woods. Cause unknown. Alarm 12 M.

May 14. Alarm 11.50 A. M., underbrush and cord wood on land of F. A. Morey and heirs of A. R. Richardson. Cause unknown. About 40 acres. Damage $75. Second alarm.

May 17. Alarm at 12.45 P. M., underbrush and grass on Newhall place. Cause unknown. About 1 acre.

May 22. Brush fire near D. Runel's. Cause unknown. Alarm 10.30 A. M.

July 17. Still alarm. Summer house of J. B. Holden, Jr. Cause unknown. Damage $35.

Aug. 19. Alarm at 10 A. M., barn of D. Calliahan. Cause unknown. Total loss. Contents valued at $25. Total loss.

Aug. 25. Alarm at 10 P. M., barn of John E. Rowell. Cause unknown. Total loss. Value $2000. Contents $3500.

Sept. 6. Alarm at 2 A. M., house of Thomas Latham. Cause defective flue. Loss on house $1200; contents $600.

Sept. 18. Alarm at 7.30 P. M., chimney in Mrs. Quinland's house. No damage.

Jan. 21. Alarm at 9.55 A. M. Dickenson Block, property of E. A. King. Cause spark from stove. Practically a total loss. Building $1500; contents $500. Fire spread to King's Block, property of E. A. King. Damage $42.50.

Jan. 2. Alarm at 6.15 A. M., chimney in J. McCarthy's house. No damage.

We have replaced 600 feet of hose at the north part of the town that was unfit for use, with new, and there is about 400 feet more that will have to be replaced the coming year. Otherwise the department is in good condition. We have added one dozen brooms for use at brush fires.

The condition of the department at the centre is not very much changed. We have added one dozen shovels for use at brush fires. The department is in as good shape as can be expected, with poor drainage from town stable, and can only be improved by a new building for the fire department.

We would recommend that a committee be appointed to investigate the condition of the building at the centre.

We would recommend that the necessary steps be taken towards better quarters for the apparatus.

We would recommend that the sum of $1,500 be raised and appropriated for the expense of the Fire Department for the coming year.

L. W. BUCKLEY,
WARREN HOLDEN,
CHARLES A. WRIGHT, Clerk.

Appropriation	$1,300 00
Pay Roll Steamer One	$400 00
Pay Roll Hose Two	258 45
Salary L. W. Buckley	35 00
Salary Charles A. Wright	35 00
Salary Warren Holden	35 00
Joseph Breck & Sons, supplies	13 30
Cornelius Calliahan Co., supplies	227 00
M. McElman, watching fire	60
Leslie Peavey, watching fire	40
Warren Holden, express	20
T. G. Messer, use of horses	2 00
A. W. Bryant, watching fires	40
Amount carried forward	$1,007 35

Amount brought forward	$1,007 35
W. E. Livingston, watching fires	40
Leslie Peavey, watching fires	60
Edward Miller, watching fires	80
H. D. Livingston, watching fires	20
E. A. King, watching fires	60
George Dole, watching fires	60
Douglas Turner, watching fires	60
Charles Morris, watching fires	40
Kenneth McElman, watching fires	1 20
Chester A. Wright, watching fires	40
Mathew McElman, watching fire	1 20
P. G. Dockham, watching fire	80
H. D. Livingston, use of horse	1 25
J. F. Finnegan, use of horse	15 50
E. M. Bartlett, use of horse	2 75
T. F. Lyons, stamps and stationery	1 03
Charles Morris, watching engine house	2 00
F. H. Parker, supplies	1 60
Charles A. Wright, express	30
Knight & Thomas, supplies	6 00
Holden & Co., supplies	1 21
Express	55
Talbot Dyewood & Chemical Co., supplies	2 60
J. F. Finnegan, use of horse	30 00
Dennis Devine, use of horses	49 00
John Conway, watching fire	2 00
E. L. McMahon, watching fire	2 00
Michael Shalloon, watching fire	2 00
William Monnahan, watching fire	2 00
Roger Barrington, watching fire	2 00
Owen O'Toole, watching fire	2 00
Edward Costello, watching fire	2 00
Charles Nugent, watching fire	2 00
Charles Fairbrother, watching fire	2 00
John Conway, watching fire	2 00
E. L. McMahon, watching fire	2 00
Amount carried forward	$1,150 94

Amount brought forward	$1,150 94
W. Monnahan, watching fire	2 00
Eugene Phair, watching fire	2 00
P. Shelloon, watching fire	2 00
P. Condon, watching fire	1 00
T. Harrington, watching fire	1 00
W. A. Stearns, supplies	25
M. McElman, watching fires	1 00
Chester A. Wright, supplies	1 20
W. A. Stearnes, use of horse	1 50
Cornelius Calliahan Co., supplies	110 00
Knight & Thomas, supplies	5 00
Talbot Dyewood & Chemical Co., supplies	55
L. W. Buckley, express and freight	40
A. McFadden	2 00
John Conway, watching fire	2 00
	$1,282 84

Police Report.

There have been 32 arrests for the following causes:

Assault	3
Breaking and entering	3
Drunkenness	8
Escaped prisoners	2
Insane	2
Larceny	5
Disorderly conduct on street car	1
Removing baggage	1
Runaways	3
Trespass	4

Disposal of Cases.

Committed to Lowell Jail	5
Committed to Worcester Insane Asylum	2
Discharged or released on probation	8
Held for the Grand Jury	3
Paid fines	9

Miscellaneous.

Burglaries reported	9
Cases investigated	56
Intoxicated persons cared for	11
Number of dogs killed	18
Suspicious persons detained	1
Strayed teams cared for	3
Value of property stolen	$222 35
Value of property recovered	265 18

Everett W. Livingston,
Martin Conway, Jr.,
Police Officers.

Billerica, Feb. 28, 1903.

POLICE DEPARTMENT EXPENDITURES.

Appropriation	$1,500 00
Martin Conway, Jr., services	730 00
Everett W. Livingston, services	730 00
Chas. A. Wright, special police July 4, 1902	2 00
Fred Nixon, special police July 4, 1902	2 00
J. A. Ruth, special police July 4, 1902	2 00
Roger Barrington, special police July 4, 1902	2 00
J. B. Robinson, special police July 4, 1902	2 00
John Morrell, special police July 4, 1902	2 00
F. S. Bartlett, special service	15 00
Redmond Welch, prosecuting cases	7 00
City of Lowell, arrests	8 50
City of Lowell, arrests	50
Redmond Welch, prosecuting cases	25 00
E. W. Livingston, team hire, telephone and car fares	14 15
Martin Conway, Jr., team hire, telephone and car fares	24 25
Total expenditures	$1,566 40

Overseers of the Poor.

There have been six inmates the most of the year. There are five at the present time. One death has occurred during the year. That was Aaron Patia, age seventy-six years.

Number of tramps lodged and fed at the almshouse the last year, 267.

Appraisal of personal property, February 14, 1902	$3,287 00	
Appraisal of personal property February 14, 1903	3464 75	
Balance in favor of Almshouse		$177 75
Expenses at Almshouse	$2,938 06	
Receipts at Almshouse	1,914 80	
		$1,023 26
Appropriation for the Almshouse for the year		1,000 00
Amount overdrawn		$23 26

SEARS J. COOK,
EDWARD B. HASKELL,
RICHARD J. CONWAY,
Overseers of the Poor.

Outside Relief.

Paid board of Mary Morrissey at Worcester Insane Asylum		$169 46
Aid rendered Mrs. Mara Russell		131 00
Mrs. Rachael Conroy		47 79
Mrs. George and son		58 50
John C. McFee and family		19 00
Edward Keyes and family		9 50
Mrs. John Crawford and family		49 03
John Houlton		24 00
Paid M. A. Buck for medical attendance on Towns Poor from April 1, 1902 to April 1, 1903		32 50
Paid Sears J. Cook for paper and aid to destitute strangers		3 82
		$544 60
Paid board of Albert E. O'Keefe, at Worcester Insane Asylum	$129 07	
Paid board of Lizzia A. Burton at Worcester Asylum	101 68	
Paid board of Frank E. Fairbrother at Worcester Asylum	74 29	
Medical attendance on Alexander Morris family	50 00	
Aid rendered Mrs. Mary Brodrick	3 00	
		358 04
		$902 64
Amount carried forward		$902 64

Amount brought forward		$902 64
Received from Dennis O'Keefe	$129 07	
Received from Simeon J. Burton	101 68	
Received from Miss Kate Fairbrother	74 29	
Received from State of Massachusetts	50 00	
Received from City of Lowell	3 00	
Received from State of Massachusetts	6 00	
		$364 04
Appropriation		1,000 00
		$1,364 04
Amount expended		902 64
Amount not expended		$461 40

SEARS J. COOK,
EDWARD B. HASKELL,
RICHARD J. CONWAY,
Overseers of the Poor.

Appraisal of Personal Property at Town Farm.

February 14, 1903.

Seventeen cows	$ 731 00
One bull	35 00
Three horses	300 00
Twenty-one tons of hay	378 00
Twenty-two tons of ensilage	110 00
Grain	45 00
Four tons of coal	40 00
Wood	100 00
Lumber and logs	80 00
Manure	275 00
Three bushels of beans	6 00
Harnesses	60 00
Ice	62 00
One hundred and five fowl	73 00
Blankets and robes	12 00
One four spring wagon	55 00
One market wagon	50 00
One-horse farm wagon	35 00
Concord and covered wagon	20 00
Two tip carts	110 00
Manure spreader	20 00
One pung	12 00
Two sleds	30 00
One one-horse power	60 00
One corn planter and seed sower	15 00
Two ensilage cutters and carriers	55 00
One hay tedder	20 00
One horse rake	18 00
One two-horse mowing machine	38 00
Amount carried forward	$2,845 00

Amount brought forward	$2,845 00
One hay fork and ropes	25 00
One weeder	10 00
Farming tools	75 00
Ice tools	8 00
Boxes and barrels	4 00
Paint brushes and glass	4 00
Furniture in Superintendent's rooms	35 00
Furniture in inmates' rooms	48 00
Furniture in old men's rooms	20 00
Contents of attic	20 00
Contents of tramp house	8 00
Blankets and comforters	20 00
Sheets, table linen and towels	35 00
Feather beds and pillows	39 00
Kitchen furniture and cooking utensils	50 00
Earthen, glass and stoneware	25 00
Knives, forks and spoons	5 00
Milk dishes and cooler	8 00
Hot bed, sash and shutters	14 00
Lanterns, cans and oil	4 00
	$3,302 00

SALES AT TOWN FARM.

March, 1902.

Received for calves	$ 1 50
eggs	7 95
two cows	37 00
milk	126 72
wood	6 00
fowl	2 35
vegetables	15
	$181 67

April.

Received for	eggs	$	7 50
	fowl		15 96
	one calf		3 00
	wood		2 75
	milk		35 22
	labor		2 60
		$	67 03

May.

Received for	eggs	$	30 76
	vegetables		2 22
	milk		113 48
	labor		6 00
	three cows		99 83
	board		29 25
		$	281 54

June.

Received for	eggs	$	7 52
	vegetables		4 60
	calves		4 50
	milk		106 72
		$	123 34

July.

Received for	vegetables	$	5 15
	eggs		4 28
	horse rake and mowing machine		4 00
	milk		108 27
	one calf		2 50
	fruit		32
		$	124 52

AUGUST.

Received for	eggs	$ 7 82
	wood	8 43
	vegetables	4 14
	two calves	6 00
	milk	120 95
	meadow grass	4 00
	fruit	90
		$ 152 24

SEPTEMBER.

Received for	milk	$ 114 08
	fruit	10 40
	vegetables	42 35
	board	29 00
	eggs	3 49
	wood	16 00
		$ 215 32

OCTOBER.

Received for	vegetables	$ 22 95
	labor	1 00
	eggs	1 91
	milk	91 58
	vinegar	50
	fruit	10 95
		$ 128 89

NOVEMBER.

Received for	fruit	$ 31 60
	vegetables	12 25
	milk	70 88
	eggs	2 10
	sweet cider	10 76
	one calf	75
		$ 128 34

DECEMBER.

Received for milk	$	68 45
fruit		12 10
calves		4 25
poultry		27 65
vegetables		69 33
eggs		21 20
pork		10 02
lumber		48 78
	$	261 78

JANUARY, 1903.

Received for lumber	$	24 32
calves		8 00
sweet cider		7 76
milk		70 85
poultry		2 90
wood		3 00
fruit		2 90
	$	119 73

FEBRUARY.

Received for milk	$	99 20
vegetables		12 96
poultry		3 00
one calf		1 25
fruit		8 15
wood		2 50
sweet cider		4 22
eggs		1 12
vinegar and casks		46 50
pork and hams		21 00
vegetables and soap		59 75
butter and lard		8 00
preserves and pickles		6 50
groceries		21 00
	$	162 75

EXPENSES AT TOWN FARM.

March 1, 1902.

Paid	J. C. Parker and wife, superintendent and matron	$42 00
	William J. Gillis, labor	20 00
	Bridget Murry, labor	6 08
	Thomas Bennett, labor	10 00
	A. S. Cook, meat	6 41
	J. E. Bull, dry goods	94
	Hanchett & McFadden, repairing tank	2 80
	S. K. Dexter, butter	2 00
	Fred H. Parker, groceries	3 43
	E. E. Cole, grain	54 80
	Joseph Plummer, brewers' grain	25 20
	S. K. Dexter, butter	4 40
	Sundry small bills	1 84
		$179 90

April.

Paid	J. C. Parker and wife	$42 00
	William J. Gillis, labor	22 00
	Bridget Murry, labor	5 36
	F. A. Parker, crackers	6 64
	Geo. M. Teel, fish	3 88
	Holden & Co., crackers	1 92
	H. E. Noyes & Son, potatoes	12 30
	Bartlett & Dow, hardware	3 60
	S. C. Shirley, medicines	1 85
	Jennie Perry, groceries	6 77
	Parker Wood and Coal Co., manure	23 90
	Mat. Buck, medical attendance on Town's Poor	37 50
	F. A. Tuttle, ham	2 61
	Holden & Co., groceries	1 88
	P. J. Sexton, blacksmith	5 22
	Joseph Plummer, brewers' grain	10 00
	Amount carried forward	$187 43

	Amount brought forward	$187 43
Paid	A. S. Cook, meat	5 65
	S. K. Dexter, butter	5 00
	J. Williams for one cow	42 50
	J. Williams, lot of hay	16 00
	Sundry small bills	2 81
		$259 39

MAY.

Paid	J. C. Parker and wife	$42 00
	Charles H. Hooper, labor	19 17
	Daniel Calahan, labor	13 50
	P. W. Brown, labor	7 00
	P. W. Brown, labor	2 00
	S. K. Dexter, butter	2 75
	H. E. Noyes & Son, potatoes	11 00
	Geo. L. Dunham, groceries	25 14
	F. A. Parker, crackers	1 60
	Talbot Chemical Co., potash	1 20
	F. A. Tuttle, ham	2 85
	L. C. Hall, ashes	3 78
	D. J. Runnels, labor	3 40
	W. E. Livingston, grain	15 67
	S. P. Pike, pigs	8 00
	E. E. Cole, hay	13 59
	E. E. Cole, grain	59 73
	Bartlett & Dow, hardware	6 50
	W. E. Livingston, grain	8 96
	Geo. M. Teel, fish	1 92
	H. D. Livingston, sawing lumber	14 22
	Holden & Co., crackers	4 33
	W. G. Stewart, meat	14 25
	F. A. Morey, grain	21 11
	A. S. Cook, meat	7 92
	Joseph Plummer, brewers' grain	19 00
	Sundry small bills	2 82
		$332 41

JUNE.

Paid	J. C. Parker and wife	$42 00
	Charles C. Hooper, labor	21 66
	Daniel Calahan, labor	15 00
	Wm. Colby, labor	7 10
	Clarence Bamforth, labor	1 45
	F. A. Tuttle, meat	7 28
	James E. Gorman, shoes	2 30
	Bartlett & Dow, hardware	3 55
	H. E. Noyes, potatoes	3 30
	S. P. Pike, pigs	4 00
	S. K. Dexter, butter and potatoes	10 02
	John S. Welch, meat	7 03
	Jason Fuller, two cows	105 00
	A. S. Cook, meat	10 98
	Joseph Plummer, brewer's grain	18 00
	F. A. Parker, crackers	3 66
	F. A. Morey, grain	9 63
	Sundry small bills	5 45
		$277 41

JULY.

Paid	James C. Parker and wife	$42 00
	Charles Hooper, labor	22 49
	Wm. Colby, labor	7 33
	Daniel Calahan, labor	3 33
	Con Sullivan, labor	6 00
	Daniel Calahan, labor	7 00
	J. A. Metcalf, employment office	1 00
	A. S. Cook, meat	4 45
	Joseph Plummer, brewer's grain	18 50
	Jennie Perry, groceries	7 29
	F. A. Parker, bread	1 00
	John E. Bull, dry goods	11 71
	S. K. Dexter, butter and lard	6 95
	C. W. Parsons, rent of mowing machine	1 50
	Amount carried forward	$140 55

	Amount brought forward	$140 55
Paid	Bartlett & Dow, hardware	1 43
	P. J. Sexton, blacksmith	8 30
	E. E. Cole, grain	83 91
	F. A. Morey, grain	11 02
	S. C. Shirley, medicines	4 33
	T. A. McCormick, mowing machine	38 00
	Sundry small bills	4 60
		$292 14

AUGUST.

Paid	James C. Parker and wife	$42 00
	Charles C. Hooper, labor	21 67
	Angus McDonald, labor	19 67
	Frank Harkins, labor	4 17
	Daniel F. Cunningham, labor	15 00
	James Mattemore, labor	7 88
	Mike McGlone, oats and grass	35 00
	Holden & Co., groceries	12 16
	Deering Harvesting Co., horse rake	18 00
	A. D. Boynton, use of cart	1 25
	E. E. Cole, grain	26 13
	J. Plummer, brewer's grain	25 00
	Sundry small bills	6 99
		$234 92

SEPTEMBER.

Paid	James C. Parker, and wife	$42 00
	Angus McDonald, labor	18 00
	Richard L. Lewis, labor	13 87
	Bryant Jenness, labor	12 75
	P. W. Brown, labor	12 75
	Wm. McCarty, labor	5 65
	Charles White, labor	4 50
	Daniel Sullivan, labor	3 75
	Amount carried forward	$113 27

	Amount brought forward	$113 27
Paid	Joseph Plummer, brewer's grain	10 00
	P. J. Sexton, blacksmith	8 58
	F. A. Parker, bread and pastry	4 95
	Harry L. Shedd, fertilizer and plants	24 36
	John L. Reynolds, butter	3 27
	E. E. Cole, grain	25 51
	Bartlett & Dow, hardware	1 97
	A. S. Cook, meat	14 53
	Carle Noyes, fish	11 19
	F. A. Parker	6 25
	Sundry small bills	2 50
		$226 38

OCTOBER.

Paid	James C. Parker and wife	$42 00
	Geo. W. Caldwell, labor	15 02
	P. W. Brown, labor	4 13
	Wm. McCarty, labor	4 50
	Daniel Sullivan, labor	2 25
	Charles White, labor	4 50
	Daniel Joyce, labor	2 25
	John Murphy, labor	6 00
	F. A. Parker, bread and crackers	5 50
	E. E. Cole, grain	38 84
	F. A. Morey, grain	39 70
	Bert Jenness, labor	3 00
	E. M. Bartlett, burial expenses of Aaron Patia	22 00
	Sundry small bills	6 35
		$196 04

NOVEMBER.

Paid	James C. Parker and wife	$42 00
	Thomas Welch, labor	14 25
	William Smith, labor	6 75
	Amount carried forward	$63 00

	Amount brought forward	$63 00
Paid	James E. Gorman, shoes	1 40
	J. A. Metcalf, employment office	1 00
	E. E. Cole, grain	45 46
	F. A. Parker, Baker, bread and crackers	5 64
	S. K. Dexter, butter	4 32
	Fred H. Parker, groceries	3 23
	Bartlett & Dow, hardware	1 68
	S. K. Dexter, butter	9 20
	A. Parsons, blacksmith	2 45
	E. K. Richardson, digging grave for A. Patia	2 50
	Sundry small bills	3 95
		$143 83

DECEMBER.

Paid	James C. Parker and wife	$42 00
	James H. Devine, labor	20 00
	William McCarthy, labor	2 00
	Thomas Coughlin, labor	8 00
	E. E. Cole, grain	10 20
	Bartlett & Dow, hardware	1 70
	McCormick Machine Co., repairs	80
	Jennie Perry, groceries	17 62
	John S. Welch, meat and groceries	77 27
	John E. Bull, dry goods	15 07
	F. A. Morey, grain	35 55
	E. F. Dickinson, making cider	2 40
	William E. Livingston, grain	38 80
	William E. Livingston, grain	9 80
	George L. Dunham, groceries	32 39
	A. S. Cook, meat	11 09
	Sundry small bills	3 05
		$327 74

JANUARY, 1903.

Paid	James C. Parker and wife	$42 00
	Mrs. Spaulding, labor	10 00
	Edward Lashua, labor	6 00
	B. J. Coughlin, labor	2 25
	Mike Shalloon, labor	3 00
	James H. Vincent, labor	8 09
	H. M. Thompson, soap	15 75
	S. C. Shirley, medicines	4 19
	J. E. Bull, dry goods	10 49
	William F. Symmes, sawing lumber	7 20
	F. W. Cheney & Co., hardware and paint	14 01
	John Reynolds, butter	1 79
	Lowell Coal Co., grain and grinding	40 82
	Robert Barris, repairing harness	17 85
	W. L. Ferris, labor	4 50
	P. J. Sexton, blacksmith	9 70
	Sundry small bills	7 75
		$205 39

FEBRUARY.

Paid	J. C. Parker and wife	$42 00
	Edward Lashua, labor	20 00
	Thomas Coughlin, labor	11 50
	C. W. Parsons, labor	6 50
	E. E. Cole, grain	52 50
	C. W. Parsons, cutting ice	10 00
	S. K. Dexter, butter	5 48
	John Reynolds, chest tea	5 80
	F. A. Tuttle, meat and groceries	24 54
	P. J. Sexton, blacksmith	41 66
	George L. Dunham, groceries	6 77
	Mrs. L. Spaulding, labor	4 00
	Sundry small bills	7 05
	F. A. Parker, crackers and groceries	19 71
	Baptist Society, pew rent	5 00
		$262 51

Incidentals.

Appropriation			$1,300 00
1902			
April	1	H. S. Russell, work Union Hall	$35 00
		Courier-Citizen Co., printing town reports	181 75
		T. Frank Lyons, distributing reports	4 00
		E. B. Haskell, express	90
		Courier-Citizen Co., printing jury cards	2 50
		E. B. Haskell, car fare and postage	4 65
	17	American Express Co., express	65
		C. S. Maxwell, distributing reports	2 00
		N. E. Tel. & Tel. Co., service	18 81
May	1	P. B. Murphy, printing	3 25
		Review Publishing Co., printing	11 00
	15	Mrs. Wood, accident claim	250 00
		N. E. Tel. & Tel. Co., tolls	1 18
June	5	T. Frank Lyons, postage	7 43
		American Express Co., express	1 05
		Courier-Citizen Co., printing	2 50
		E. W. Livingston, expenses Worcester	5 30
July	17	Thomas Groom & Co., books	65 80
		T. Frank Lyons, postage	2 78
		Solomon Lincoln, legal advice	75 00
		N. E. Tel. & Tel. Co., service	13 85
Aug.	7	Thomas Groom & Co., supplies	3 00
		American Express Co., express	2 25
		Carter Ink Co., ink	38
		Courier-Citizen Co., printing	2 50
		Bowker's Insecticide Co., spraying trees, special	18 50
		Bowker's Insecticide Co., spraying trees, special	15 00
Amount carried forward			$731 03

		Amount brought forward	$731 03
Aug.	7	Bowker's Insecticide Co., spraying trees, special	1 45
		T. E. Smith, labor on trees, special	19 80
	21	W. C. Swinington, supplies	1 00
Sept.	4	N. E. Tel. & Tel. Co., tolls	82
	18	Thos. H. Lawler, supplies	3 50
		American Express Co., express	30
		Commonwealth of Massachusetts, blanks,	1 25
		N. E. Tel. & Tel. Co., tolls	65
Oct.	16	C. H. Morley, telegram and express	70
		W. A. Holt, repairing pump	1 00
Nov.	6	N. E. Tel. & Tel. Co., service	13 63
		Richards & Co., ink	1 25
		T. Frank Lyons, stationery	5 31
	20	Billerica Republican Club, use of room, polling booths	5 00
		N. E. Tel. & Tel. Co., tolls	1 46
		Courier-Citizen Co., printing	75
Dec.	18	E. M. Bartlett, death returns	2 50
		American Express Co., express	30
1903			
Jan.	1	J. E. Blodgett, care of town clock	25 00
		C. L. Burton, repairs on town pump	1 15
		T. Buzzell, M. D., reporting births	50
		N. E. Tel. & Tel. Co., tolls	3 61
	15	G. T. O. Donnell, reporting births	9 25
		Courier-Citizen Co., printing	3 62
Feb.	5	N. E. Tel. & Tel. Co., service	16 43
		American Express Co., express	15
	19	N. E. Tel. & Tel. Co., tolls	70
		Josiah Wright, car fares, telephones and postage	7 96
		Chas. H. Kohlrausch, Jr., car fares, telephones and postage	13 90
		F. A. Fisher, retaining salary	100 00
		F. A. Fisher, service	15 00
		Amount carried forward	$988 97

Amount brought forward			$988 97
Feb.	19	Richard T. Perry, books and postage	2 93
		John Farmer, accident claim	50 00
	28	T. Frank Lyons, rubber stamp	25
		T. Frank Lyons, envelopes and stamps	8 88
		T. Frank Lyons, receipt book	15
		H. A. King, return on deaths, births, etc.	39 60
		The Fairbanks Co., adjusting scales	5 85
		A. H. Jones, postage, tax bills, envelopes,	29 85
		F. A. Fisher, legal advice and services	350 85
		M. A. Buck, return of births	2 80
		Carter, Carter & Meigs, fumigating supplies	33 00
Total expenditures			$1,513 13

Maintenance of Halls.

Appropriation			$200 00
1902			
April	1	E. A. King, Town Hall, supplies	2 80
		F. A. Morey, Town Hall, supplies	88
		E. E. Cole, Town Hall, coal	13 50
		E. W. Livingston, Town Hall, express	50
June	5	Mrs. E. A. Barker, Town Hall, 33 hrs. cleaning	4 95
	19	C. Zimmer, Town Hall, keys	45
July	2	Chas. C. Johnson, Town Hall, Polish	1 00
Aug.	7	Boston & Maine R. R., Town Hall, freight	28
		Gilbert Barker Mfg. Co., Town Hall, Gasoline	7 91
		Chas. K. French, Town Hall, Plants	2 25
	21	F. A. Morey, Town Hall, supplies	1 68
Oct.	2	Jackson Wright, Town Hall, sharpening mower	1 00
	16	Boston Cash Grocery, Town Hall, supplies	39
Nov.	6	Thomas Lydon, Union Hall, labor and repairs	27 40
	6	Oscar Spencer, Union Hall, cleaning	5 00
		Walworth Mfg. Co., Town Hall, repairs on gas pump	47 86
	20	Walworth Mfg. Co., Town Hall, supplies	11 27
Dec.	4	Roger Barrington, Union Hall, repairs	1 00
		Walworth Mfg. Co., Town Hall, gasoline	8 84
	18	Am. Express Co., Town Hall, express on gasoline	28
1903			
Jan.	1	F. A. Morey Estate, Town Hall, coal	9 62
	15	Town of Billerica (Water Dept.) Union Hall, water	12 00
Amount carried forward			$160 86

Amount brought forward			$160 86
Jan.	15	Walworth Mfg. Co., Town Hall, gasoline.	28 25
		H. H. Wilder, Town Hall, plumbing....	6 50
		H. R. Cowdrey, Town Hall, charging batteries	2 25
Feb.	5	Thomas Lydon, Town Hall, labor on furnace	25 30
		E. E. Cole, Town Hall, coal	38 66
		F. A. Morey Estate, Town Hall, supplies	1 20
		W. A. Stearns, Town Hall, salt	15
	19	Town of Billerica, Town Hall, water....	12 00
		Town of Billerica, Union Hall, repairing meter	2 30
	28	E. E. Cole, Town Hall, coal	1 25
		F. A. Morey Estate, Town Hall, enamel	60
Total expenditures			$279 32

Salaries Town Officers.

Selectmen.

Appropriation			$425 00
1903			
Feb.	5	Chas. H. Kohlrausch, Jr	125 00
		Josiah Wright	125 00
		Richard T. Perry	175 00
			$425 00

Assessors.

Appropriation			$250 00
1903			
Feb.	19	John E.Rowell	62 50
		Geo. F. Colson	125 00
		Josiah Wright	62 50
			$250 00

Overseers of Poor.

Appropriation			$200 00
1903			
Feb.	19	Sears J. Cook	100 00
		Richard J. Conway	50 00
	28	E. B. Haskell	50 00
			$200 00

Town Clerk.

Appropriation			$200 00
1902			
Oct.	16	H. A. King	100 00
1903			
Feb.	5	H. A. King	100 00
			$200 00

Town Treasurer.

Appropriation			$300 00
1902			
Oct.	16	H. A. King	150 00
1903			
Feb.	5	H. A. King	150 00
			$300 00

Tax Collector.

1903			
Feb.	28	A. H. Jones, salary 1898	$100 00
		A. H. Jones, salary 1902	300 00
			$400 00

School Committee.

Appropriation			$180 00
1903			
Feb.	5	F. A. Casey	60 00
	28	M. A. Buck	60 00
			$120 00

Auditors.

Appropriation			$75 00
1902			
May	1	Geo. P. Greenwood	25 00
	15	A. L. Blodgett	25 00
		Wm. Stevenson	25 00
			$75 00

Registrars of Voters.

Appropriation			$100 00
1902			
April	1	H. A. King	25 00
		John Harrington	25 00
May	15	John H. Mahoney	12 50
1903			
Feb.	5	A. W. Holden	25 00
			$87 50

Board of Health.

Appropriation			$75 00
1903			
Feb. 28	J. B. Tyler, M. D.		$22 50
	M. A. Buck, M. D.		30 00
	C. S. Smith		22 50
			$75 00

Fish Warden.

Appropriation			$100 00
1902			
Dec. 4	Patrick Kearney		100 00

Sealer of Weights and Measures.

Appropriation			$50 00
1903			
Feb. 28	Roscoe C. Baker		50 00

Election Officers.

Appropriation			100 00
1902			
Nov. 6	Charles A. Wright, Inspector		5 00
	H. A. King, Inspector		5 00
	Patrick Condon, Deputy Warden		5 00
	Frank Dolan, Inspector		5 00
	Philip Dolan, Deputy Inspector		5 00
	Charles Nugent, Deputy Inspector		5 00
	William Lyons, Deputy Clerk		5 00
	Victor Hosmer, Deputy Inspector		5 00
20	George H. Perry, Teller		2 00
	William Stevenson, Clerk		10 00
	James T. Moran, Inspector		5 00
	John J. Mahoney, Teller		2 00
	Amount carried forward		$59 00

		Amount brought forward	$59 00
Nov.	20	Archibald Ritchie, Deputy Clerk	5 00
		John A. Hannon, Warden	5 00
		Edward Costello, Inspector	5 00
		William Maxwell, Deputy Inspector.....	5 00
Dec.	4	C. A. Bowman, Deputy Warden	5 00
1903			
Feb.	28	J. S. Holt, Clerk	10 00
			$ 94 00
		Total expenditure for salaries	$2,376 50

CATTLE INSPECTOR.

Appropriation	$250 00
William H. Hutchins, services, labor and salary	362 70

Sundry Reports.

Insurance.

Appropriation			$250 00
April	1	John H. Foster	135 00
Sept.	18	Fred C. Church	31 00
Oct.	2	John H. Foster	42 00
			$208 00

Street Lighting.

Appropriation			$1,350 00
Fred Smith, labor			19 00
Standard Oil Co., oil			6 94
Billerica Electric Co., service			931 75
Lowell Electric Light Corp., service			112 50
			$1,070 19

Preserving Records.

1902			
May	15	Emery Record Preserving Co	$30 00

Indexing Records.

Appropriation			$150 00
1902			
July	2	Yawman & Erbe Mfg. Co., supplies	9 50
Sept.	4	Etta F. Stanton, copying records	17 00
	18	Yawman & Erbe Mfg. Co., supplies	1 70
Oct.	2	Etta F. Stanton, copying records	18 00
Nov.	6	Etta F. Stanton, copying records	22 00
Dec.	18	Etta F. Stanton, copying records	22 00
		Yawman & Erbe Mfg. Co., supplies	3 40
1903			
Feb.	5	Etta F. Stanton, copying records	15 00
	28	H. A. King, supplies	41 40
Total expenditures			$150 00

ABBOT SINGING FUND.

1902			
Nov.	6	P. W. Edmunds, services, No. Billerica ..	15 00
Dec.	4	P. W. Edmunds, services, Billerica Centre	30 00
	18	P. W. Edmunds, services, No. Billerica ..	20. 00
		Philedean Club, use of rooms	32 00
1903			
Jan.	15	Shawsheen Lodge, I. O. O. F., use of hall..	12 00
Feb.	28	George P. Greenwood, music.....	3 00
			$112 00

INTEREST ON FAULKNER FUND.

1902			
Feb.	28	Bennett Library Association, interest....	40 00

MEMORIAL DAY.

Appropriation.....			$100 00
1902			
May	26	C. S. Smith, Treasurer	100 00

SALE OF TALBOT SCHOOL.

1902			
Aug.	7	F. L. Gleason, auctioneer and advertising	40 65

CARE OF COMMON.

Appropriation.....			$75 00
1902			
Oct.	2	Jasper Bruce, service.....	75 00

TAX COLLECTOR AND TREASURER'S BOND.

Appropriation.....			$150 00
1902			
April	17	Fred C. Church.....	90 00

TALBOT SCHOOL BUILDING COMMITTEE.

1903			
Feb.	28	Frank I. Cooper, heating and ventilating contract	452 60
		Talbot Mills, grading and supplies.....	475 19
			$927 79

Jury List, 1903.

James Barrington	Carpenter
William A. Cowles	Retired
John Latham	Retired
Chas. W. Flanders	Optician
Sidney A. Bull	Merchant
Henry Shuman	Farmer
Dan'l Callahan, Jr	Farmer
Nathaniel R. Jones	Farmer
Dennis Dewire	Jobber
George E. Simonds	Farmer
Thos. E. Spaulding	Farmer
Fred L. Mason	Farmer
Edgar Twombly	Farmer
Walter J. Hutchins	Carpenter
George L. Dunham	Merchant
Clarence A. Bowman	Farmer
Joseph H. Call	Farmer
John E. Rowell	Farmer
Fred H. Parker	Merchant
William F. Symmes	Miller
Henry D. Livingstone	Teamster
Benj. G. Hutchins	Carpenter
John H. Foster	Agent
H. M. Hutchins	Retired
Dick J. Folsom	Farmer
Albert H. Jones	Collector
Coburn S. Smith	Farmer
L. B. Gannon	Broker
Thomas Callahan	Broker
Benjamin W. Kearney	Jobber
George H. Harlow	Retired
John Finnegan	Farmer
Josiah B. Robinson	Machinist

Jasper F. Bruce ..... Retired
John Broadbent ..... Weaver
William H. Hutchins ..... Cattle Inspector
Ernest Robinson ..... Insurance Agent
Dennis Mahoney ..... Carder
Wm. Taylor ..... Finisher
Wm. Sexton ..... Blacksmith
Fred A. Parker ..... Clerk
Roger Barrington ..... Janitor

CHAS. H. KOHLRAUSCH, JR.
JOSIAH WRIGHT,
RICHARD T. PERRY,
Selectmen of Billerica.

Report of Cemetery Commission.

The Cemetery Commission are pleased to report an increased interest on the part of the public in the work of Cemetery improvement. For the past season we were much disappointed in not being able to get help at the proper time, most of the work being done very late in the season. It was our purpose to have a section in each of the Fox Hill and North Cemeteries put down in the shape of a lawn, which, we have before urged, as being the ideal plan. Modern methods adopted in the most attractive grounds are along this line, and it is our conviction that the most beautiful cemetery of the future will be entirely without curbing of any nature, the corner stone bounds sunk flush with the ground, and the monument, as nearly as may be, in the centre of the lot. The raised lots with gravel walks are hard to maintain, and the result, an irregular and very unattractive appearance. The theory that gravel walks are needed for passing is theoretical only, as never will foot passage in cemeteries even approximately approach in extent the amount of passing upon the ordinary house lawn, which is kept purely for the adornment of the home. A solid covering of green, with a sufficient slope to shed the water, is more beautiful, less expensive and more easily cared for. With this in mind the work was begun last season — that in the Fox Hill grounds being nearly completed, requiring for completion sodding or seeding only — that at the North grounds, well begun, but still requiring considerable work. It must be borne in mind that the money expended in this work will be returned to the town by lot takers. The cost to the individual to clear and grade a lot is no inconsiderable amount, of course, varying with the location and nature of the ground, so that a nominal payment for the lot in the rough gives no estimate of the cost of the finished lot. The lots now being prepared will be charged for at a price which will cover for the original price of the lot, plus the cost of clearing and grading. It will be readily seen that a dozen or more lots prepared upon a comprehensive plan,

each lot being in harmony with those surrounding, will bring much better results than where a dozen single owners work upon different plans at different times. By another autumn we hope to demonstrate practically the desirability of this plan, and feel sure that this demonstration will satisfy any who may be in doubt.

The work of putting the surface of the older grounds at the South Cemetery in condition should be carried to completion this season. Grubbing out the old grass and weed roots, leveling, fertilizing and re-seeding has already, and will still further, improve these grounds, and seems to be all that can be done. The closely set large trees (mostly pines), on the easterly side of these grounds make the growing of a satisfactory lawn impossible, while the spreading and growing roots upset all the headstones within a considerable distance, as well as the boundary wall. Our method of treatment here is to remove nearly all the trees, re-set the wall (most of which will be a bank wall), and replace the trees where practical, with hardy shrubs, which would neither injure grass, grave markers or boundary walls. While your Commissioners claim a full share of respect and veneration for an old stately tree in the right location, it is equally our conviction that a bad tree in a bad spot should be removed. In this connection we wish to say that it is also our conviction, strengthened by our own and the larger experience of others, that no large tree with a wide spread of either branches or roots should be allowed within the limit of any lot where there are, or are likely to be, burials.

Some additional work has been done the past winter in taking out a portion of the growth at the top of the Fox Hill lot, and within a comparatively few years a background of purely oak growth will be formed, making the most beautiful spot in the present cemetery grounds of the town. Supplement this as far as may be with a lawn effect, sloping to the highway, with hardy shrubs or with small, clean foliage trees, and you have the ideal cemetery.

Your Commissioners are pleased to report a most generous gift from Miss Abby L. Faulkner, at the hands of Miss Anna R. Faulkner, of $1,500, about $300 of which has already been expended on driveways, the balance to be held, and the income

only expended, for still further improving the roads in the North Cemetery. As the shaping of the roads was necessary before a proper construction of lots, this gift was as timely as it was thoughtful and generous on the part of the donor.

We wish the work which it seems to us needs to be done might go forward more rapidly, but under the present condition of the town's finances we ask only for an appropriation of thesame of the town's finances we ask only for an appropriation of the same amount as last year, and hope the public will be patient and consider that we are doing all we can and not all we are anxious to do.

J. NELSON PARKER,
JOSEPH JAQUITH,
HERBERT A. KING,
Cemetery Commissioners.

Cattle Inspector's Report.

To the Board of Selectmen and Citizens of the Town of Billerica :

I submit the following report for the year ending March 1st, 1903 :

Total number of examinations made on account of tuberculosis during the year	1,461
Number of cattle found diseased and condemned	41
Amount paid to owners of condemned cattle by State of Massachusetts	$976.00

These cattle were disposed of by rendering or burial.

Number of hogs killed at the slaughter houses and different places	83
Number of calves	113
Cows killed for beef	11

These cattle all passed inspection and were marked with the state stamp.

On November 25th, 1902, I quarantined 46 head of cattle for foot and mouth disease.

November 18th, 3 cows were bought by A. D. Boynton and introduced into his herd, and on examination the 25th day we found 26 of the herd diseased with the foot and mouth disease. They were kept in quarantine until the 27th of December, when the entire herd of 46 cattle were killed and taken by the Whitman & Pratt Co., to their rendering works. There being no money appropriated by the State of Massachusetts for that disease, the chief of the Massachusetts Cattle Bureau saw that immediate action must be taken, and appealed to the United States government. After a conference between Dr. Peters, chief of the Massachusetts Cattle Bureau, Governor Crane, and Dr. Salmon, chief of the United States Bureau of Animal Industry, they consented to pay 70 per cent. of the appraised value, which was $2,415.00, giving to Mr. Boynton $1,690.50 for his cattle. He received from the State of Massachusetts for quarantine expense $268.50.

On account of the outbreak of this disease, it has caused the inspector to make something over 1,000 extra examinations to prevent the spread of the disease, which we think we have been fortunate enough to check, with the help of the farmers, some of whom even went so far as to lock their barns to keep men who were buying beef or veal from entering. Cards have been placed in all public buildings and on trees on the highway, from time to time, warning people against moving cattle through, making it somewhat expensive, but bearing in mind that the state pays 50 per cent. of the inspector's salary it will not be very burdensome to the town. Since December 24th, 1902, I have issued permits to move 42 cows, 4 bulls, 66 calves and 17 hogs.

On February 11th, 1903, 3 hogs were shipped from Arlington to Billerica. On February 26th, I examined them and found 2 dead from hog cholera ; 1 still lives, but in quarantine. Dr. May, a state official, made the post mortem examination.

The town is still in strict quarantine and no cattle can be moved outside of the town and none in the town without a permit from the inspector.

WM. H. HUTCHINS,
Cattle Inspector.

Assessors' Report.

The Assessors of Billerica submit the following report for 1903.

Value of Real Estate May 1, 1902	$1,776,937 00
Value of Personal Estate May 1, 1902	370,001 00
Total valuation	2,146,938 00
Rate of total tax per $1,000	15 70
Number of polls	703
dwelling houses	614
horses	407
cows	778
neat cattle other than cows	97
swine	67
sheep	24
fowl	4,644

Respectfully submitted,

George F. Colson,
John E. Rowell,
Josiah Wright,
Assessors of Billerica.

Report of the Collector of Taxes.

For the year ending Feb. 28, 1903.

Balance uncollected 1902	$7,726 50
1901	4,848 07
1900	1,935 64
1899	807 13
1898	42 93
Total collected and paid Treasurer with discounts and abatements	$42,456.36

A. H. Jones,
Collector.

Report of the Talbot School Building Committee.

The expenditures, since the last report, have been as follows:

Fuller & Warren Co., heating and ventilating, balance due		$452 60
Talbot Mills;		
2 doz. stops	$ 3 12	
Cutting hole for pipe	1 00	
Repairs on cellar drain	1 49	
104 loads loam, 75c	78 00	
88 loads loam, various qualities, at average price, 29c	25 45	
306 sq. ft. sods, 1c	3 06	
Conductor spouts	2 63	
Oiling floor Boiler Room	3 86	
Grading ,labor, teaming and paving	325 57	
Fertilizer and grass seed	11 81	
Sidewalk Talbot Ave	16 12	
Lumber and labor	58	
50 loads of gravel, 5c	2 50	
		$475 19
		$927 79
Proceeds of Bonds		$25,000 00
Expended to February 28, 1902	$24,049 04	
Expended to February 28, 1903	927 79	
		24,976 83
Balance unexpended		23 17

This balance will be used for further work on the grounds the coming spring.

Respectfully submitted,

FREDERICK S. CLARK,
ALLAN BOTTOMLEY,
H. W. SHELDON,
CHARLES H. KOHLRAUSCH, JR.,
FRED A. CASEY,
M. A. BUCK,
Building Committee.

School House Loan Sinking Fund.

The Commissioners of the Schoolhouse Loan Sinking Fund beg to submit the following report as to the status of the Fund on March 3, 1903.

Balance March 1, 1902	$1,177 50
Interest to Dec. 31, 1902	31 07
Appropriation from Town Feb. 21, 1903	425 00
Proceeds of sale of old Talbot School, Feb. 21, 1903.	184 35
Balance March 3, 1903	$1,817 92

Respectfully,

N. R. Jones,
John A. Richardson,
Joseph F. Talbot,
Commissioners.

Water Works Sinking Fund.

Balance March 1, 1902	$5,062 75
Sept. 1, 1902, interest to date	126 57
Feb. 9, 1903, Town appropriation	1,800 00
Feb. 28, 1903, interest to date	134 50
Balance on hand, February 28, 1903	$7,123 82

The above is deposited at Talbot Mills at five per cent. per annum.

Frederic S. Clark,
Charles H. Kohlrausch, Jr.,
J. Nelson Parker,
Commissioners.

Herbert A. King,
Treasurer.

Town Hall Sinking Fund.

COMMISSIONERS' REPORT.

Amount of sinking fund February 28, 1902	$6,419 54
Received from Town Appropriation	800 00
Received income to February 28, 1903	226 34
Amount of Fund February 28, 1903	$7,445 88

ACCOUNTING.

Lowell Five Cent Savings Bank	$1,073 86
City Institution for Savings	1,022 33
Traders National Bank (Savings Department)	998 41
Lowell Institution for Savings	936 26
Merrimack River Savings Bank	912 16
Mechanics Savings Bank	874 61
Central Savings Bank	828 25
Washington Savings Bank	800 00
	$7,445 88

JOSEPH F. TALBOT,
FRANKLIN JAQUITH,
Commissioners.

Auditors' Report.

We present the following report as showing the proper distribution of all cash receipts and disbursements for the year 1902.

REGULAR APPROPRIATIONS.

Schools.

Receipts.

Appropriation		$9,000 00
From State, account of Supt		625 00
From County, dog tax		324 29
From C. S. Smith		1 75
		$9,951 04

Expenditures.

Amount expended	$9,710 45	
Balance unexpended	240 59	
		9,951 04

Highways.

Receipts.

Appropriation		$2,500 00
Street railway tax		1,644 66
Excise tax		1,577 36
From J. A. Richardson		5 60
M. McElman		8 00
C. A. Wright		7 00
labor		400 50
labor		112 25
		$6,255 37

Expenditures.

Amount expended	$5,573 81	
Balance unexpended	681 56	
		$6,255 37

Outside Relief.

Receipts.

Appropriation		$1,000 00
From Simeon Burton		84 50
D. O'Keefe		129 07
State		56 00
Simeon Burton		17 18
City of Lowell		3 00
Geo. Fairbrother		74 29
		$1,364 04

Expenditures.

Amount expended	$902 64	
Balance unexpended	461 40	
		$1,364 04

Bridges.

Receipts.

Appropriation		$600 00
From A. H. Andrews		1 00
T. E. McElligott		14 30
		$615 30

Expenditures.

Amount expended	$591 77	
Balance unexpended	23 53	
		615 30

Fire Department.

Receipts.

Appropriation	$1,300 00

Expenditures.

Amount expended	$1,282 84	
Balance unexpended	17 16	
		$1,300 00

Incidentals.

Receipts.

Appropriation	$1,300 00
From Lowell Fert. Co.	1 00
H. Schmelzer	1 00
F. S. Gleason	2 00
M. Magar	1 00
W. H. Bent	15 00
R. C. Baker	27 12
Geo. L. Dunham	31 55
Estate of F. A. Morey	25 08
F. F. Lyons	2 64
Excess of expenditures over receipts	108 69
	$1,515 08

Expenditures.

Amount expended	$1,515 08

Janitor and Police.

Receipts.

Appropriation	1,500 00
From Police Court	15 00
Alvah Baker	16 00
James Savage	39 25
	$1,570 25

Expenditures.

Amount expended	$1,566 40	
Balance unexpended	3 85	
		$1,570 25

Debt, Bond Interest, and Sinking Funds.

Receipts.

Appropriation	$5,750 00
From balance sale Old Talbot School	184 35
	$5,934 35

Expenditures.

Amount expended	$5,934 35

Interest.

Receipts.

Appropriation		$1,700 00
From Talbot Mills		12 75
		$1,712 75

Expenditures.

Amount expended	$1,480 09	
Balance unexpended	232 66	
		$1,712 75

Insurance.

Receipts.

Appropriation		$250 00
From rebate		1 86
N. C. Norcross		47 44
		$299 30

Expenditures.

Amount expended	$208 00	
Balance unexpended	91 30	
		$299 30

Cemeteries.

Receipts.

Appropriation		$600 00
From J. H. Jackson		5 00
A. Paris		5 00
C. H. Shedd		5 00
Funds		494 96
Unexpended balance 1902		152 52
		$1,262 48

Expenditures.

Amount expended	$1,037 52	
Balance unexpended, due Cemeteries	224 96	
		$1,262 48

COMMON.

Receipts.

Appropriation	$75 00

Expenditures.

Amount expended	75 00

CATTLE INSPECTOR.

Receipts.

Appropriation	$250 00
From State	69 70
Excess of expenditures over receipts	43 00
	$362 70

Expenditures.

Amount expended	362 70

SIDEWALKS.

Receipts.

Appropriation	$200 00
Appropriation, Talbot Avenue	500 00
	$700 00

Expenditures.

Amount expended (regular)	$112 25	
Amount expended (Talbot Avenue)	500 00	
Balance unexpended (regular)	87 75	
		$700 00

MEMORIAL DAY.

Receipts.

Appropriation	$100 00

Expenditures.

Amount expended	100 00

Conveying Scholars.

Receipts.

Appropriation		$450 00

Expenditures.

Amount expended	$363 25	
Balance unexpended	86 75	
		450 00

Macadam Road.

Receipts.

Appropriation (regular)		$1,500 00
Appropriation (special)		1,000 00
From Mass. B. Stone, cr.		32 85
From State		1,500 00
		$4,032 85

Expenditures.

Amount expended	$3,762 87	
Balance unexpended due Macadam	269 98	
		4,032 85

Street Lighting.

Receipts.

Appropriation		$1,350 00

Expenditures.

Amount expended	$1,070 19	
Amount due and unpaid	225 00	
Balance unexpended	54 31	
		1,350 00

State Aid.

Receipts.

From State		$408 00
Excess of expenditures over receipts		76 00
		$484 00

Expenditures.

Amount expended	484 00

WATER DEPARTMENT.

Receipts.

Appropriation (hydrants)	$2,300 00
Appropriation (deficit)	1,000 00
For meter rates	1,930 33
For hydrants	2,300 00
For faucet rates	1,234 90
For construction	552 25
For sundry receipts	142 53
Excess of expenditures over receipts	33 53
	$9,493 54

Expenditures.

Amount expended	9,493 54

TOWN FARM.

Receipts.

Appropriation	$1,000 00
From sales	1,914 80
Excess of expenditures over receipts	23 26
	$2,938 06

Expenditures.

Amount expended	2,938 06

STATE AND SUDBURY RIVER TAX.

Receipts.

Appropriation	$1,275 93

Expenditures.

Amount paid State	1,275 93

County Tax.

Receipts.

Appropriation	$2,482 62

Expenditures.

Amount expended	2,482 62

Taxes.

Balance February 28, 1902:			
Taxes of 1897	$ 16 04		
Interest	168 54		
		$ 184 58	
Paid Treasurer, cash			$ 16 04
Abatements			168 54
Taxes of 1898	505 64		
Supplementary	172 64		
Interest	262 68		
		940 96	
Paid Treasurer, cash			571 96
Abatements			326 07
Taxes of 1899	2,525 35		
Correction	555 27		
Supplementary	96 48		
		3,177 10	
Paid Treasurer, cash			2,017 41
Abatements			352 56
Taxes of 1900	3,820 49		
Correction	1,211 14		
Supplementary	96 36		
		5,127 99	
Paid Treasurer, cash			2,781 96
Abatements			410 39
Amounts carried forward		$9,430 63	$6,644 93

Amounts brought forward.		$ 9,430 63	$6,644 93
Taxes of 1901	10,764 75		
Supplementary	317 13		
		11,081 88	
Paid Treasurer, cash			5,571 20
Discount			110 15
Abatements,			552 46
Taxes of 1902:			
Committed to Collector	35,080 82		
Special	82 84		
Excise	1,577 36		
Supplementary	12 47		
		36,753 49	
Interest collected during 1902.		550 63	
Paid Treasurer, cash			29,179 85
Discount			61 99
Abatements			335 78
		$57,816 63	$42,456 36
Balance uncollected, February 28, 1902			15,360 27
			$57,816 63

As follows:		
Year of 1898	$ 42 93	
1899	807 13	
1900	1,935 64	
1901	4,848 07	
1902	7,726 50	
	$15,360 27	

State School Fund.

Receipts.

Balance unexpended 1901		$ 4 45
From State		294 76
		$ 299 21

Expenditures.

Balance unexpended due School Fund	299 21

Anticipation of Tax Notes.

Receipts.

Balance due, February 28, 1902		$ 8,000 00
Borrowed during year		18,000 00
		$26,000 00

Expenditures.

Amount notes paid during year	$24,000 00	
Balance due, February 28, 1903	2,000 00	
		26,000 00

Maintenance of Halls.

Receipts.

Appropriation	$ 200 00
From use of halls	26 00
Excess of expenditures over receipts	53 32
	$ 279 32

Expenditures.

Amount expended	279 32

Old Talbot School.

Receipts.

From Talbot Mills	$2,225 00

Expenditures.

Amount expended	2,225 00

Corporation and Bank Tax.

Receipts.

From State	$6,422 84

New Talbot School.

Receipts.

Balance unexpended from 1901		$ 950 96

Expenditures.

Amount expended	$ 927 79	
Balance unexpended due Talbot School	23 17	
		$ 950 96

Abbot Singing Fund.

Receipts.

From income of fund		$ 122 00

Expenditures.

Amount expended	$ 112 00	
Balance unexpended due Singing Fund	10 00	
		$ 122 00

Salaries.

Receipts.

Balance due Tax Collector, Feb. 28, 1902		$ 400 00
Appropriation		2,505 00
		$2,905 00

Expenditures.

Amount expended	$2,376 50	
Balance unexpended due Tax Collector, for 1899, 1900, 1901, 1902	400 00	
Balance unexpended	128 50	
		$2,905 00

Howe School Conveyance.

Receipts.

Appropriation		$ 450 00

Expenditures.

Amount expended	$ 200 25	
Balance unexpended	249 75	
		450 00

Faulkner Fund Interest.

Receipts.

Appropriation		$ 40 00

Expenditures.

Amount expended		40 00

Treasurer and Collector's Bond.

Receipts.

Appropriation		$ 150 00

Expenditures.

Amount expended	$90 00	
Balance unexpended	60 00	
		$ 150 00

Indexing Records.

Receipts.

Appropriation		$ 150 00

Expenditures.

Amount expended		150 00

Preston Street.

Receipts.

Appropriation		$ 100 00

Expenditures.

Amount expended	$ 73 63	
Balance unexpended	26 37	
		100 00

Preserving Records.

Receipts.

Balance unexpended from 1901		$ 42 00

Expenditures.

Amount expended	$30 00	
Balance unexpended	12 00	
		42 00

RECAPITULATION.

Cash Receipts.

Balance on hand February 28, 1902			$ 2,219 90
Income:			
Schools	$ 951 04		
Highways	3,755 37		
Outside Relief	364 04		
Bridges	15 30		
Incidentals	106 39		
Janitor and Police	70 25		
Interest	12 75		
Insurance	49 30		
Cemeteries	509 96		
Cattle Inspector	69 70		
Macadam	1,532 85		
State Aid	408 00		
Water Department	6,160 01		
Town Farm	1,914 80		
Taxes (less excise included in highways)		$40,328 37	
Tax Interest	550 63		
State School Fund		294 76	
Anticipation Notes		18,000 00	
Maintenance of Halls	26 00		
Old Talbot School		2,225 00	
Corporation and Bank Tax	6,422 84		
Abbot Singing Fund		122 00	
	$22,919 23	$60,970 13	$ 2,219 90
		22,919 23	83,889 36
			$86,109 26

RECAPITULATION.

Cash Payments.

Expense:		
Schools	$9,710 45	
Highways	5,573 81	
Outside Relief	902 64	
Bridges	591 77	
Fire Dept	1,282 84	
Incidentals	1,515 08	
Janitor and Police	1,566 40	
Debt, Bond Int. and Sinking Funds	5,750 00	
Debt, Bond Int. and Sinking Funds		$ 184 35
Interest	1,480 09	
Insurance	208 00	
Cemeteries	1,037 52	
Common	75 00	
Cattle Inspector	362 70	
Sidewalks	612 25	
Memorial Day	100 00	
Conveying scholars	363 25	
Macadam road	3,762 87	
Street Lighting	1,070 19	
State Aid	484 00	
Water Dept	9,493 54	
Town Farm	2,938 06	
State and Sudbury River tax	1,275 93	
County tax	2,482 62	
Tax Discount and Abatements	2,317 94	
Anticipation Notes		24,000 00
Maintenance of Halls	279 32	
Old Talbot School ($184.35 included in Sinking Fund)		2,040 65
New Talbot School		927 79
Abbott Singing Fund		112 00
Salaries	2,376 50	
Howe School Conveyance	200 25	
Faulkner Fund interest	40 00	
Treasurer and Collector's Bond	90 00	
Indexing records	150 00	
Preston Street	73 63	
Preserving Records		30 00
	$58,166 65	$27,294 79
		58,166 65
Balance on hand February 28, 1903		647 82
		$86,109 26

SINKING FUNDS.

TOWN HALL.

Amount of bonds issued $30,000. Year 1894.
Amount of Sinking Fund, February 28, 1903, $7,445.88
25-year bonds.

WATER.

Amount of bonds issued, $90,000. Year 1898.
Amount of sinking fund, February 28, 1903, $7,123.82.
30-year bonds.

SCHOOL HOUSE.

Amount of bonds issued, $25,000. Year 1901.
Amount of sinking fund, February 28, 1903, $1,817.92.
20-year bonds.

Trust Funds in hands of Treasurer, $24,736.27.

COLLECTION OF DOG LICENSE FEES BY TOWN CLERK.

Receipts.

For 169 males	$338 00	
7 females	35 00	
	373 00	
Less fees	35 20	
		$337 80

This amount is properly receipted for by the County Treasurer.

Although the uncollected Tax Balance is smaller than at the close of the last fiscal year, there is a considerable amount of unpaid taxes that should be collected without further delay.

We especially recommend that the Town appropriate the amounts received from the Excise and Street Railway Tax to be used for specific expenses of the Highway Department, any unexpended balance to hold over.

Respectfully submitted,

GEO. P. GREENWOOD,
ARTHUR L. BLODGETT,
Auditors.

Estimates of Appropriations by Selectmen for 1903.

	Estimates of Appropriations for 1902.	Estimates of Appropriations for 1903.
Schools	$9,000 00	$9,000 00
Highways	2,500 00	3,500 00
Bridges	600 00	300 00
Fire Department	1,300 00	1,500 00
Incidentals	1,300 00	1,500 00
Town Farm	1,000 00	1,000 00
Constables, Janitor and Police	1,500 00	1,500 00
Outside Relief	1,000 00	800 00
Debt Appropriation	650 00	2,150 00
Interest	1,700 00	1,600 00
Insurance	250 00	250 00
Sinking Fund and Bond Interest, Town Hall	2,000 00	2,000 00
Soldiers' Relief	50 00	50 00
Registrars of Voters	100 00	100 00
Cemeteries	600 00	600 00
Common	75 00	75 00
Selectmen	425 00	425 00
Assessors	250 00	250 00
Overseers of Poor	200 00	200 00
School Committee	180 00	180 00
Town Clerk	200 00	200 00
Town Treasurer	300 00	300 00
Tax Collector	450 00	450 00
Election Officers	100 00	100 00
Fish Warden	100 00	100 00
Board of Health Department	75 00	75 00
Auditors	75 00	75 00
Sidewalks	200 00	200 00
Tree Warden Department	100 00	500 00
Sealer of Weights and Measures	50 00	50 00
Hydrants	2,300 00	2,300 00
Water Bond Sinking Fund	1,800 00	1,800 00
Water Deficit	1,000 00	1,000 00
School House Loan, Interest and Sinking Fund	1,300 00	1,500 00
Maintenance of Hall	200 00	250 00
Treasurer's and Collector's Bond	150 00	150 00
	$33,080 00	$36,030 00

Warrant.

COMMONWEALTH OF MASSACHUSETTS.

Middlesex, SS.

To Everett W. Livingston, Constable of the Town of Billerica, Greeting :

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet at the Town Hall, in said town, on Monday, March twenty-third, at nine o'clock in the forenoon, to act upon the following articles :—

Article 1. To choose a Moderator to preside at said meeting.

Art. 2. To determine the number of Selectmen, Assessors, Overseers of the Poor, Auditors, and Constables.

Art. 3. The polls will be open in accordance with the by-laws of the town for the election of the following town officers, on one ballot, for one year : Town Clerk, Town Treasurer, Selectmen, Assessors, Overseers of Poor, Collector of Taxes, Highway Surveyor, one or more Constables, one member of the Board of Health for three years, one member of the School Committee for three years, one member of the Town Hall Sinking Fund Commission for two years, one member of the Town Hall Sinking Fund Commission for three years, one member of the Water Commission for three years, one member of the Cemetery Commission for three years, one member of the Talbot School Sinking Fund Commission for three years, Tree Warden for one year.

Art. 4. To choose a member of the Bowers Fund Committee for a term of five years.

Art. 5. To see if the town will accept the revision of the jury box made by the Selectmen, or do anything in relation to the same.

Art. 6. To see what method the town will adopt for the collection of taxes for the ensuing year.

Art. 7. To see what method the town will adopt for the repairs of the roads and bridges for the ensuing year.

Art. 8. To see if the town will choose all other necessary town officers.

Art. 9. To vote on the following question, viz : Shall license be granted for the sale of intoxicating liquors in the Town of Billerica ? Yes or No.

Art. 10. To hear and act upon the report of the Selectmen and all other town officers and committees heretofore appointed.

Art. 11. To raise and appropriate such sums of money as may be deemed necessary to defray the town's expenses for the ensuing year, or do anything in relation to the same.

Art. 12. To see if the town will raise and appropriate the sum of $125 for the use of the veterans on Memorial Day.

Art. 13. To see if the town will raise and appropriate the sum of $250 for salary of Cattle Inspector for the ensuing year.

Art. 14. To see if the town will authorize and direct the Treasurer, with the approval of the Selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 15. To see if the town will raise and appropriate the sum of $750, to be used for the conveyance of scholars above the ninth grade to the Howe School, and above the sixth grade to the Pollard School, or do anything in relation to the same.

Art. 16. To see if the town will raise and appropriate the sum of $100, to be used by the Billerica Improvement Association in caring for public reservations in the town, or do anything in relation to the same.

Art. 17. To see if the town will raise and appropriate the sum of $300, to be used in relocating the highways of the town, under the direction of the Selectmen.

Art. 18. To see if the town will raise and appropriate the sum of $1,500 for street lighting, or do anything in relation to the same.

Art. 19. To see if the town will raise and appropriate the sum of $150, for indexing records, or do anything in relation to the same.

Art. 20. To see if the town will raise and appropriate the sum of $40, and pay the same to the Bennett Library Association, interest due on the Winthrop Faulkner Fund, or do anything in relation to the same.

Art. 21. To see if the town will accept the provisions of Sections 178, 179, 180, of Chapter 102, of the revised laws, relating to picnic groves, or act in relation thereto.

Art. 22. To see if the town will raise and appropriate the sum of $100, to repair the iron fence around the common, or act in relation thereto.

Art. 23. To see if the town will accept from Sidney A. Bull, Charles E. Hosmer, and others, a gift of the Chickering Grand Piano, No. 86,280, now in the Town Hall, or do anything in relation to the same.

Art. 24. To see if the town will raise and appropriate the sum of $800, for repairs and for wiring the Town Hall for electric lighting, or act in relation thereto.

Art. 25. To see if the town will establish the salary of the Highway Surveyor at the rate of $15 per week, or act in relation thereto.

Art. 26. To see if the town will raise and appropriate the sum of $2,500 for building macadam highway, or act in relation thereto.

Art. 27. To see if the town will amend its by-laws by inserting an additional section under Art. 6, entitled "Police Regulations," reading as follows:

Section 11. No person except a resident of the town shall be allowed to do business as a hawker or pedler, as provided in Revised Laws, Chap. 65, Sect. 15, until such person shall first pay the town a license fee of five dollars, or act in relation thereto.

And you are to serve this Warrant by posting attested copies thereof, one copy at the Town Hall, one copy in each of the post offices of the town, and one copy in each of the porches or vestibules of the several churches in town, at least eight days before said meeting. Hereof fail not, and make due return of this warrant to the Town Clerk with your doings thereon, at the time and place of said meeting. Given under our hands this twelfth day of March, in the year of our Lord nineteen hundred and three.

CHAS. H. KOHLRAUSCH, JR.,
JOSIAH WRIGHT,
RICHARD T. PERRY,
Selectmen of Billerica.

A true copy. Attest :

EVERETT W. LIVINGSTON,
Constable.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF BILLERICA,

FOR THE SCHOOL YEAR 1902, 1903.

Calendar.

HOWE SCHOOL.

1903.

Feb. 2.—Second half-year's work began.

Mar. 27 to April 6.—Easter recess.

June 12 to 13, 8.30 a. m.—Entrance examinations.

June 12.—Second half-year's work closes.

June 15 to 17.—Final examinations.

June 18.—Commencement exercises. Meeting of Alumni Association.

Sept. 8.—First half-year's work begins.

Dec. 24 to Jan. 5.—Vacation.

1904.

Jan. 25 to 29.—Mid-year examinations.

Jan. 29.—First half-year's work closes.

ELEMENTARY SCHOOLS.

1903.

Mar. 27.—Winter term closes.

April 6.—Spring term begins.

June 12.—Spring term closes.

Sept. 7.—Fall term begins.

Dec. 18.—Fall term closes.

Dec. 28.—Winter term begins.

1904.

Mar. 26.—Winter term closes.

April 5.—Spring term begins.

June 11.—Spring term closes.

Storm Signals for Schools.

The bell of the Talbot Mills will strike at 7.45, two strokes thrice repeated, to indicate no school in the forenoon. The same signal at 11.30 a. m. will indicate no school in the afternoon, when there has been a forenoon session. When there has not been a forenoon session, and the change in the weather warrants an afternoon session, this will be indicated by two strokes four times repeated at 11.30 a. m. These signals will also be given at the same time at the Chemical Works. These signals will be sounded for the schools of the outlying districts and for those at the Centre by the bell of the Unitarian Church.

Organization of School Board, 1902 to 1903.

FREDERICK A. CASEY, term expires 1905.
M. A. BUCK, M. D., Secretary; term expires 1904.
ALLAN BOTTOMLEY, Chairman; term expires 1903.

TEACHERS.

Supervisor of Music.....J. Avison Baker.
Supervisor of Drawing.....Maude H. Rose.
Principal of Howe School.....E. C. Vining.
Assistant.....Hattie P. Truell.
Pollard Ninth Grade.....Catherine F. Baker.
Pollard Grammar.....Alfred K. Lowe, Principal.
Pollard Sub-Grammar.....Lizzie L. McIntire.
Pollard Intermediate.....Kate A. Brown.
Pollard Primary.....Martha F. Page.
Talbot Grammar.....Benjamin F. Harding, Principal.
Talbot Sub-Grammar.....Mary E. F. Shea.
Talbot Intermediate.....Nellie F. Sweetnam.
Talbot Primary.....Jennie M. Livingstone.
Talbot Sub-Primary.....Mary E. Hughes.
Richardson School.....Annie J. Page.
Spaulding School.....Ethel L. Buckley.
Hill School.....Mary A. Hosmer.
Crosby School.....Grace L. Knowles.

KINDERGARTEN—Private.

Linda F. Chisholm, Principal; Nina B. Wood, Assistant.

TRUANT OFFICERS.

Precinct 1—E. W. Livingstone. Precinct 2—Martin Conway, Jr.

Report of the School Committee.

To the Citizens of Billerica:

At the close of another school year your committee have the pleasure to submit their Annual Report. While we are not unmindful of the trust confided in us in the expenditure of so large a portion of the Town's money, it has always been our endeavor, while serving the Town, to get full value for every dollar expended; and while we have listened to many kind suggestions and some rather severe criticisms, we have always tried to reach a just and fair decision in relation to all parties concerned, and it has always been our aim to work in unison with the Superintendent and all the teachers, and this we consider very important and essential in order to insure the best results. Our teachers have been faithful and interested in their work and as a result our schools are gradually improving; and there is still room for greater improvement, as sickness has interrupted the work considerably and we have had to close some of the schools on this account.

Our school buildings have been put in good condition. Crosby, Hill, Richardson and Spaulding schools have been repaired and painted.

The shingles of the Pollard School have been fixed over.

The grading around Talbot School was done last spring and the building is now complete. The sanitary arrangements are excellent and working very satisfactorily, and we consider we were very fortunate in being able to make arrangements to connect with the Talbot Mills sewer. We have now the best of means for the disposal of sewage.

The two rooms and also the corridor on first floor are wired for electric lights, so that if night schools should be required all is ready for that purpose.

We take this opportunity to thank the voters for the appropriation and for the necessary means placed at our disposal to enable us to erect such a building, and for so kindly helping us in extending to the youth of our good old Town broader and more extensive educational opportunities, and to surround them with influences healthful to body and mind, and your committee feel satisfied all will be amply repaid by the results obtained, for we certainly have a convenient, well lighted, well ventilated, commodious and comfortable building. Your committee was asked the question, when the appropriation was made, if we should ask for another appropriation before the building was finished. Your committee have kept their promise and are glad to be able to state we have not exceeded the appropriation and the building is completed. We sincerely thank the citizens in every section of the Town for their liberality and all who have helped in any way to carry out this noble project which will be a blessing to present and future generations. The Talbot School building stands as a monument to the far-seeing generosity of the citizens of Billerica.

Your attention is called to the reports of Superintendent, Teacher of Music, Teacher of Drawing, and Principal of the Howe School.

Financial Statement.

RESOURCES.

Appropriation	$9,000 00	
Massachusetts school fund of 1902	294 76	
Massachusetts school fund of 1901	4 45	
On account of Supt	625 00	
Dog tax	324 29	
For conveyance	900 00	
For old iron	1 75	
Total		$11,150 25

LIABILITIES.

Teachers' salaries	$6,026 39	
Janitors' salaries	901 40	
Fuel	945 15	
Conveyance	563 50	
Sundries	173 20	
School books and supplies	552 05	
Repairs	392 26	
Superintendent of schools	720 00	
Total		$10,273 95
Unexpended		$876 30

Recapitulation.

RESOURCES.

Appropriation	$9,000 00	
From State for Supt	625 00	
Refunded dog tax	324 29	
For old iron	1 75	
Total		$9,951 04

LIABILITIES.

Teachers' salaries	$6,026 39	
Janitors' salaries	901 40	
Fuel	945 15	
Sundries	173 20	
Books and supplies	552 05	
Repairs	392 26	
Superintendent of schools	720 00	
Total		$9,710 45
Unexpended		$240 59

Massachusetts school fund for 1902	$294 76	
Unexpended Massachusetts school fund for 1901	4 45	
Total	$299 21	
Expended	0 00	
Unexpended		299 21
Amount carried forward		$539 80

Amount carried forward		$539 80
Conveyance of pupils above sixth grade	$450 00	
Expended	363 25	
		86 75
Conveyance of pupils to High School	$450 00	
Expended	200 25	
		249 75
Total unexpended		$876 30

After careful consideration your committee makes the following estimate for the ensuing year:

Teachers' salaries	$6,600 00
Janitors' salaries	1,280 00
Fuel	900 00
Sundries	275 00
Books and supplies	400 00
Repairs	300 00
Superintendent of schools	375 00
Total	$10,130 00
Less school fund	375 00
	$9,755 00

Your committee, therefore, recommends that $9,500.00, in addition to the dog tax, be raised and appropriated for the support of schools, and also asks that the unexpended balance be reappropriated.

ALLAN BOTTOMLEY,
FRED. A. CASEY,
M. A. BUCK,
School Committee.

Report of the Superintendent of Schools.

To the Citizens and School Committee of Billerica, Mass.:

Gentlemen—In this report I shall give a brief account of the schools during the past three years, and state in part the purpose or end now in view.

No changes have been made in the outlying school-houses. Repairs, however, have been made, such as were needed, and all of these school-houses have been painted this year.

Three years ago the sanitary condition of the Pollard School was intolerable to the pupils and to the citizens in the immediate vicinity. The building was inadequate to accommodate nine grades without having three grades in at least one room. The heating and ventilation was entirely unsatisfactory,—it not being possible in coldest weather to heat the building, say nothing about ventilating it.

At the North it was necessary to employ six teachers,—four at the Talbot School and two at Union Hall. All of the rooms then used excepting one were heated by stoves. Ventilation was unknown and the sanitary condition at the Talbot school-house was not only a menace to both teacher and pupils, together with all the distracting influences, but it was a source of constant criticism and a public nuisance.

In some cases, as far as janitor's work was concerned, the buildings were very much in keeping with the surroundings, and this would be a natural consequence. The care of books and supplies was also in good keeping.

It was impossible for teachers to do good work in such environment. Under such degrading influences the standard of the schools was necessarily low. The per cent. of pupils entering the High School was consequently small, and the number dropping out before they had finished their course was inexcusably large.

Only those of unusual ability completed the full course. In the grades, especially, the environment defeated the purpose sought. The results acquired, at the best, were a few committed facts. The work done in the grades was not such as to lay the foundation for a higher education. Hence, the cause of so many pupils leaving the High School shortly after entering. This foundation in some cases, even at the present time, is not being too well laid. Of this I will speak in another place.

Three years ago history was taught only in grades above the fifth. The books used were Montgomery's Beginners in the sixth grade and Eggleston's School Histories in the higher grades.

The only reading books in use were Harper's, Davis', The Normal Readers, and Cyr's, the latter being used only in the lower grades. Phonics to my knowledge were not taught at all. In the lower grades there were no books on mythology, neither was mythology nor fairy tales read in any of the grades. Geography was not taught below the fifth grade. Arithmetic, however, was taught in the first grade and all the following grades. Literature was taught only in the eighth and ninth grades and this was very limited. The only books of literature in use were "Tales of a Wayside Inn" and a book entitled "Masterpieces of American Literature,"—an excellent book and still in use.

Today accommodations both at the North and at the Centre are excellent, heating and ventilation satisfactory, and sanitation is above criticism. Three years ago one of the State agents said our school accommodations were the poorest in the State; today he says it is among the best in the State.

Three years ago from $600 to $800 a year was expended for books and supplies; since then from $400 to $600 a year has been expended,—a difference of $200, a saving that more than equals the part of the Superintendent's salary paid by the Town. Notwithstanding this saving a larger number of books have been bought than ever before. This has been made possible through the economy practiced both by teachers and pupils. The mere

saving of money, however, is not to be compared with the worth of the promotion of right habits.

During the past three years the following changes in school work have been made:

Phonics are taught during the first three years. Arithmetic is not taught at all in the first grade; yet some attention is given to form, size, and comparison. Mythology, history, and geography are taught in all grades from the primary to the ninth. Literature in the form of fairy tales and classics is taught in all grades. As a regular study, however, it begins with the fifth grade. Language begins with the third grade as a regular study and continues through all the grades. During the past three years the following books have been introduced:

The Child Life Readers, Stepping Stones to Literature, Bass' Reader, In Mythland, Around the World (Book I), Great Americans for Little Americans, Story of Ulysses, Grimm's Fairy Tales, Hawthorne's Wonder Book, Song of Hiawatha, American Pioneers, Christmas Carol, Courtship of Miles Standish, Irving's Sketch Book, Tennyson's Enoch Arden, Vision of Sir Launfal, Whittier's Snowbound, Grandfather's Chair, Heart of Oak Readers (Book V), Whittier Leaflets, New Arithmetics, Geographies, Language Books, Grammars, Spellers, Algebras, Latin Books, two sets of Music Readers and several books of reference for teachers' desks.

From the above it would seem that our schools are quite well supplied with books, yet there is need of books of literature for the lower grades. These, however, are not expensive and can be purchased out of the appropriation for the ensuing year.

BOOKS AND SUPPLIES.

During the past two years $1,180 have been expended for books and supplies. This is about $1.45 per pupil; some less than the average per pupil for the State. Notwithstanding this small amount, new arithmetics, geographies, language books, grammars, spellers, and Latin books have been furnished for all schools. Besides these books several

new histories and music books have been purchased. No large expenditure for books will be needed for several years. An appropriation of $400 will be amply sufficient to meet the expenditures for books and supplies for the ensuing year, since there is an unexpended balance of $200 at E. E. Babb & Co.'s.

LITERATURE.

Since it is not possible to speak at length concerning the whole course of study I will confine my remarks this year to literature.

Charles Eliot Norton says in the introduction to his "Heart of Oak Readers," "A man may know all science and yet remain uneducated. But let him truly possess himself of the work of any one of the great poets, and no matter what else he may fail to know, he is not without education."

Charles McMurry in speaking of the study of literature says that, "Tendencies are formed which grow into habits, and thus a character ripens steadily toward its reward." He further says, "A book sometimes produces a more lasting effect upon the character and conduct of a child than a close companion. Nor is this true only in the case of book-lovers. It is probable that the great majority of children may feel the wholesome effect of such books if wisely used at the right time. To select a few of the best books as companions to a child, and teach him to love their companionship, is one of the most hopeful things in education. The boy or girl who reads some of our choice epics, stories, novels, dramas, and biographies, allowing the mind to ponder upon the problems of conduct involved, will receive many deep

Scudder says, "It is to literature that we must look for the substantial protection of the growing mind against an ignoble, material conception of life, and for the inspiring power which shall lift the nature into its rightful fellowship with whatsoever is noble, true, lovely, and of good report."

Many more quotations might be given from eminent authorities, yet I trust the above is sufficient to convince one of the importance of the study of literature.

It is not enough to teach literature in the ninth grade and High School. It should be taught from childhood,—commenced even before the children go to school.

An endeavor has been made to introduce the study of literature into all the grades. During the past two years I have bought books of literature such as seemed suitable to the different grades, and have urged that much attention be given to teaching literature in all grades. The teachers have attempted to do this work with varied degrees of success. Good results could not be expected from pupils in the grades above the sixth, who had not received that necessary foundation which can be received only in the lower grades when the minds of the children are susceptible to the formative class in literature.

It takes from six to eight years to fully introduce a course of study in literature where it has not been taught in the lower grades. Thus far a course of literature has been carried out in the first four grades, while in the upper grades teachers have done t' best they could with pupils having no foundation on which to build. In some cases it will be necessary for teachers to acquaint themselves with the literature above and below their grades in order that they may teach understandingly.

When children pass through the grades without the study of literature, it is safe to say that not one out of ten will acquire the habit of reading good and useful books. How can one estimate the value of an association through life with the wisest and noblest men and women that have ever lived? If the many men and women who have gone out of our schools without receiving that magical touch of literature which must lead on to the higher life could realize (but they never can) the loss of their rightful heritage, with what anguish would they reflect upon what might be.

We can not afford to pass by lightly the study of literature. Teachers must prepare themselves for the work. Some teachers have acquired the habit of confining the teaching of reading to reading books, from which they select the most prosy and mean-

ingless pieces therein contained; and then practice what McMurry calls "a treadmill style of reading, which repeats and repeats, doing the same things day by day." Speaking of this, he says, "This treadmill style of reading.....should give way to a rational, spirited, variegated method which arouses interest and variety of thought, and moves ever toward a conscious goal."

Teachers can never prepare themselves for teaching literature by studying psychology. All the methods and devices thus obtained fall upon the children cold and lifeless. Teachers of literature must have drank at the fountain head of the poetry and songs that live, breathe and direct. Those who have never mused in the realm of myth and legend nor enjoyed the jingles and songs of childhood have no right to deprive children of that priceless heritage of an abiding character found in the study of literature.

SUB-PRIMARY.

The work done in the last year of the Kindergarten and the first half of the first year in the primary school is practically the same. It is being proven in our schools that a child who attends the Kindergarten two years will not only gain one year easily before he reaches the fourth grade, but he will be better prepared for future work than those who leave the Kindergarten at the end of one year and spend four years in the grades. This being the case, I would strongly advise that pupils attend the Kindergarten two years.

It must be remembered that under the flexible method of promotion now used in our schools, a pupil is not necessarily promoted in all studies, and this at the end of the year or not at all. He is promoted at any time and in any study when it is for his best interest.

PROMOTION.

The method of promotion now being used is proving highly successful. We are recognizing the idiosyncrasies of children as we do those of men and women. Children have their aptitudes which early determine their bent if properly developed. We do

not lose sight of the idea of giving the child a symmetrical development, but we do believe that it is for the best interest of the child to be promoted from time to time as his growth in any study demands. We recognize the fact that children thus developed will grow strong and more interested in that study for which they are gifted, and we are cognizant of the criticism of an unsymmetrical development.

No man can know all things; he can be an expert in but one thing, and the quicker the child finds for what vocation his natural makeup is best fitted, the better,—be this vocation teaching, preaching, mining, or farming. It is a sad mistake for one to get fitted for a life work in which he does not belong and, after making a failure for five or ten years, to attempt another, believing it to be his calling, only to make another failure, and so on until life ends in a series of failures.

This must be the case where one has been so symmetrically developed that it is not possible for him to determine his natural inclination. If this reasoning be true, it is better to let the child work and grow in the study for which he has aptitude, that it may be an anchor to keep him from floating aimlessly along in uncertain channels.

The object of our method of promotion is to bring out the best there is in the child, and to do it in the quickest and easiest way. In our schools it is possible that a pupil may be reading in the eighth grade, reciting arithmetic in the sixth grade, geography in the seventh grade, and history in the ninth grade. He may, after having been in the schools seven years, have done all the required work in everything but arithmetic. Our method of promotion gives him credit for just what he has done and no more. The above pupil would be prepared to enter the High School in everything but arithmetic. If this method of promotion were carried out in the High School the pupil would enter and be credited for all that he might satisfactorily do. When he got ready to leave the High School he would receive a certificate stating precisely what he had done. If he had not completed his work in any study it would be so stated in his certificate. No higher incen-

tive or inducement could be offered a pupil to make up a study in which he was deficient. He should be at liberty to work for such a certificate as he wished to use in after life, and his standing in school might be even higher than it otherwise would have been.

Colleges and higher institutions are opening their doors to pupils with such a fit. It is the tendency of High Schools to emphasize the course that fits for the A. B. course in college; and this is natural enough when we consider that most of the teachers while in college prepare themselves to do just such work and, so, know no other. This course is impractical from start to finish, except in case that one wishes to be versed in the dead languages for the purpose of instructing others that they may be fitted for a life of personal enjoyment.

I would, therefore, recommend that the method of promotion between the grades and High School be more elastic and that certificates be given pupils when they leave the schools, whether it be at the end of the ninth year or the thirteenth.

HIGH SCHOOL.

The High School is in the best condition that it has been since my relation with the schools. It is excellent, and the best possible work with so small a force of teachers is being done.

The Town is especially fortunate to be relieved of the expense of supporting a High School; and, in view of this fact, the Town should so co-operate with the Howe School as to make it not only excellent in quality but strong and efficient, meeting the growing demands of the times.

On the other hand the Trustees should so modify some of the customs and rules of the Howe School as to meet the pressing demand of an ever changing school system. Let me say, however, that I have found the Trustees ready to meet any demand that they deemed consistent with the conditions of the will of the Howe School. I think, on the whole, it is an excel-

lent thing to have the Howe School, or any High School, high and dry from politics.

Attention is respectfully called to the appended report of the Principal of the Howe School.

In conclusion I would call attention to the cost per pupil and to such changes as would be a financial saving to the Town and beneficial to the children thereby affected. Chapter entitled "Cost Per Pupil," page 11, report of 1901, contains an argument that applies equally well today.

Your attention is called to the appended reports of the Supervisors of Music and Drawing, and I acknowledge gratefully the co-operation of teachers, School Committee and interested citizens.

Respectfully submitted, March 2, 1903.

J. G. MORRELL,
Supt. of Schools.

Report of the Principal of the Howe School.

To the Superintendent of Schools, Billerica, Mass.:

With the present year the Howe School rounds out a half-century of service. The total enrollment has become more than twelve hundred, many of whose children have become in turn students of the school. Since 1891, by vote of the Town and by legislative act, the Howe School has served as the required Town High School. During this time the interest of the citizens of Billerica has become intimate and vital and it is eminently fitting, therefore, that an annual statement of the work of the school should be made to the Town's people.

During the present year the numbers have been the greatest in the history of the school and the class of 1903 will be the largest ever graduated. The work of the year has been seriously but unavoidably broken.

The Howe School must meet the demands of three classes of students—those who are preparing for college and technical schools, those who anticipate a normal course, and that largest class whose scholastic training ends with the High School. During the year only those changes have been attempted which have seemed absolutely necessary. The overcrowded condition of the lower room has been relieved by seating the senior class in the upper room. In this way a considerably larger number than the present school can be accommodated.

The passing of Greek as a college requirement and the substitution of more practical subjects make it unwise to pursue Greek in a school whose curriculum is of necessity limited. German will gradually supplant Greek and at the same time create a course which a greater number of students may follow with profit. The course as a preparation for college must have its restrictions to guarantee work which shall meet the exacting and ever increasing demands for college admission. The course will be open during junior and senior years to those

students of the four years' course who at the time of their graduation shall have studied Latin at least four years or French for three years with satisfactory standing.

The third year's work in English has been changed to meet more satisfactorily the needs of those preparing for a normal course and the larger number who pass immediately from the High School into active life. A knowledge of English and American literature and the cultivation of a taste for good literature in general have seemed more valuable for those who are about to leave school than a third year's work in composition and rhetoric. With this purpose the change has been made. The course in French, which previously has been a two years' course, has been extended to three.

I wish to speak a word in regard to the study of Latin. In order to be followed in the High School, Latin must be taken in the ninth grade. The entering class of the High School, which has already had the subject for a year, cannot be kept back for two or three who wish to begin the subject; neither has a teacher the time to give individual instruction. It is gratifying that so many are taking the subject as the statistics below indicate. I do not by any means advise everyone to take Latin. Unless a student is disposed to do faithful work, no subject can be more unsatisfactory. On the other hand, for the earnest student I believe it is the most valuable subject in the curriculum of the Howe School. As a disciplinary study its value is unquestioned by educators. That it may be followed five (one in the ninth grade) consecutive years gives it a continuity of no other subject. It is essential to a good knowledge of English and French. So marked is its effect upon the study of the latter that the teacher has found it advisable to divide the beginners' class in French into two divisions—those who take Latin and those who do not. It is a requirement for admission to all the higher academic and scientific schools and colleges. Many students late in their course regret that it has been omitted. Again let me repeat that the subject must be taken one year before coming to the High School.

The following table shows the number of students taking each course:

Required.	Students.	Boys.	Girls.	Elective.	Students.	Boys.	Girls.
English.....	62	25	37	French.....	43	16	27
Mathematics...	36	12	24	Latin.....	36	14	22
History.....	22	12	10	History.....	19	5	14
				Botany.....			
				Geology, etc..	15	5	10
				Chemistry	13	4	9
				Mathematics..	12	2	10
				Greek.....	6	1	5

Two diplomas are given—one for the three, the other for the four years' course. For graduation in the three years' course 52 points are required, 18 of which are elective. The four years' diploma requires 68 points, of which 29 are elective. Electives can be so arranged that the four years' course can be taken in three years; or the three years' course may be made to cover four or even five years. With such elasticity, no excuse is acceptable for any student's doing work that is merely passable. The student who will not work cannot be allowed to hamper the progress of earnest and hard-working classmates. The work of necessity must be with the class and not for the individual.

"Each man," as Emerson says, "is like a bit of Labrador spar. You turn it over in your hand and it seems dull, opaque and gross, until you strike a certain angle in the spar, and then your eye catches its lustre." It is much the same with a High School pupil. It is the duty of the teacher to turn him over until he catches his lustre; to know his likes and dislikes; to find what work he can follow most profitably; in short, to get at the best there is within him. Such is my conception of one of the fundamental requirements of a teacher.

Reports are made semi-monthly for each student's work, but upon request parents can know at any time the standing of a pupil. It would be gratifying if those interested in the school would show that interest more actively. You are always welcome at the school.

Submitted respectfully,

EUGENE C. VINING.

Report of Instructor of Music.

Mr. J. G. Morrell, Superintendent of Schools, Billerica, Mass.:

Dear Sir:—Again it is my pleasure to hand you the annual report as Supervisor of Music in the Town of Billerica.

THE SPECIAL TEACHER AND HIS WORK.

The position of a special teacher is not an easy one to fill. Added to his knowledge and ability as a teacher, he must have some of the qualities of the superintendent. Very much depends upon his executive ability. Though he be ever so competent as a teacher, without this he will not be able to carry through his work successfully. He must have the faculty to interest and enlist the regular teachers in his work and methods. If they come to this work each day only with the feeling "I do this because I must," they don't furnish him the support and co-operation he must have in order to make his work a success. They must look forward to his visits as to the coming of a friend and helper who appreciates all their difficulties, recognizes the success of their endeavors, and who will be sure to render them all the assistance possible. In order to do this, they must believe in him, both as a person and as a teacher. They and their pupils will very soon discover whether or not he is master of the situation. He must be perfectly at home in all grades, from the lowest primary to the High School. Sorry work would he make if he could not adapt himself to the lower grades, the most important in all his work; or if, on leaving the intermediate grades, he weakened before his classes. While he should be most earnest in striving to bring his department to the highest degree of excellence, he must not forget that it is but one of many things to which the teachers and pupils have to attend. If he is not careful he

will sometimes lose sight of this and expect and exact too much. Then there will come the feeling that he is unreasonable, and possibly the somewhat resentful feeling, which will prompt them to relax effort and lose interest; on the other hand, he must see to it that they have no cause to feel that he is so little interested that they can attend to his work when they have nothing else to do, and it will pass unnoticed by him. The success of music in the schools depends upon the attitude of supervisor to the regular teacher and vice versa. The mercury is not quicker to register a change in temperature than a school to reflect the feeling of the regular teacher for the supervisor. What a story tells when on opening a door into a busy room the eyes light up, smiles come on the little faces, hands are clapped, while the books disappear and all are anxious for the music and happy as birds with the first note. The supervisor should carry a sunny face and bring into each room an invigorating breeze. Whether the lesson be given by the teacher or supervisor, careful attention should be paid to every part of the work. The supervisor should praise and commend as opportunity offers, and just as freely criticise and condemn when the work is not up to the standard of accuracy. The pupils themselves are quick to recognize the quality of work done, and soon lose their respect for the supervisor who passes over imperfect work or pronounces good what the pupils themselves know to be weak and faulty. Helpful criticism of the pupils is one of the best means to help the teacher. A true supervisor owes a duty to the profession which he represents; he is a part of the great army of music teachers striving together to purify the tastes of people and to bring music to a high standing. He must give his approval to only the best in music and be a real missionary in standing for pure music in the schools. He should not selfishly shut himself up and live simply for the salary he earns, but give again of his strength and talent to further the interest of good music in his city or town. All these varied duties and obligations massed together may seem stupendous to the supervisor, yet with music in your soul, a

determination to win in your head and love in your heart, success will come. It must come.

In conclusion, I take this opportunity of expressing my thanks to the Committee, Superintendent, teachers, parents and citizens for their courtesy and co-operation in the past year.

Respectfully submitted,

J. AVISON BAKER,
Supervisor.

Report of Instructor in Drawing.

Mr. J. G. Morrell, Superintendent of Schools, Billerica, Mass.:

Dear Sir:—It is almost too soon to speak of the results of my work in the Town of Billerica. I shall, therefore, confine myself in this, my first report, to speaking of the ends which I have had in mind in planning the course and the methods by which I have sought to accomplish them.

The aim has been to inspire in each child a love for the beautiful and the power to create, as far as possible, beautiful things. This does not mean necessarily the painting of flowers or landscapes, though it may include that. It applies to the arrangement of his examples on his arithmetic paper, or to the margin of his language paper, as well as to the selection of a ribbon for neck or hair, to be worn with certain gowns, or the color of the necktie, in the case of the boys. In other words, drawing is not meant to be an isolated subject, but the child's knowledge of art and the principles which underlie it are to be applied to everything which he does.

In the fall, the work of painting and drawing fall flowers and fruits led to the development of the power of observation, of obtaining pleasing arrangement of the subject in a given space, and of reproducing the beauty of Nature. Later the Christmas work, with the planning and making of Christmas gifts, taught them to select harmonious colors, to choose pleasing shapes and proportions, and to so combine the various elements which helped to make up the gift as to produce a beautiful whole.

Then came exercises in measuring and practice in the use of instruments leading up to the making of working drawings of useful objects, and finally to the designing, construction and decoration of the objects themselves by the children.

In the coming months their power of observation will be further strengthened by the drawing of the appearance of objects involving simple perspective principles, and their sense of beauty, by the drawing and painting of the spring flowers.

Designs for some simple articles used in the home will also form a part of the spring work.

The schools need a better equipment for mechanical drawing in the way of drawing kits, and for freehand drawing and painting, some pottery. I would like to recommend, also, the purchase of some reference books on the subject for the use of the teachers.

Respectfully submitted,

MAUDE H. ROSE,
Supervisor of Drawing.

Statistics.

SCHOOL CENSUS DATA.

No. of boys between the ages of 5 and 15, September, 1902	245	
No. of girls between the ages of 5 and 15, September, 1902	215	460
No. of boys between the ages of 7 and 14, September, 1902	205	
No. of girls between the ages of 7 and 14, September, 1902	178	383

ENROLLMENT AND ATTENDANCE DATA.

No. of different pupils, of all ages, in all the public schools during the school year ending 1902	505
No. attending within the school year under 5 years of age	1
No. attending within the school year over 15 years of age	49
No. attending within the school year between 7 and 14 years of age	317
Average membership of all the day schools	450.61
Average attendance in all the public day schools during the school year	412.77
The percentage of attendance based upon the average membership	91.60

SCHOOL.		TEACHER.	Enrollment.	Membership.	Average Attendance.	Average Membership.	Per cent. of Attendance.	Time in Months and Days.
Talbot	Grammar	B. D. Harding, Prin	44	45	40.21	43.28	92.90	8 mos., 1½ ds.
	Sub-Grammar	Mary E. F. Shea	39	56	42.41	46.64	90.93	8 mos., 18½ ds.
	Intermediate	Nellie Sweetman	44	45	34.58	39.30	87.98	.....
	Primary	Jennie M. Livingston	45	44	29.83	34.10	87.47	8 mos., 18½ ds.
	Sub-Primary	Mary E. Hughes	42	43	30.29	34.88	86.84	8 mos., 18½ ds.
Pollard	9th Grade	Katherine F. Baker	33	33	27.64	29.30	94.33	.....
	7th and 8th Grades	A. K. Lowe, Prin	30	30	26.75	24.07	89.98	8 mos., 15½ ds.
	5th and 6th Grades	Lizzie L. McIntire	29	35	25.45	28.35	89.76	8 mos., 16½ ds.
	3rd and 4th Grades	Kate A. Brown	35	38	29.34	32.56	90.11	8 mos., 16½ ds.
	1st and 2nd Grades	Martha F. Page	26	28	19.48	22.09	88.18	8 mos., 15½ ds.
Mixed	Richardson	Annie J. Page	26	26	16.93	18.20	93.00	8 mos., 15½ ds.
	Crosby	Grace L. Knowles	18	17	11.77	12.95	90.88	8 mos., 18½ ds.
	Hill	Mary A. Hosmer	8	10	7.05	7.75	90.96	8 mos., 19½ ds.
	Spaulding	Mary Buckley	23	20	15.94	19.14	83.28	8 mos., 16 ds.
Howe School		E. C. Davis, Prin E. C. Vining, Asst	60	60	55.10	58.00	95.00	9 mos., 12 ds.
		Totals and General Averages	502	530	412.77	450.61	91.60	200 mos., 1605 ds.
Kindergarten (Private)		.....	..	29	.....	.....	.....	.....

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